CD RECEIVER

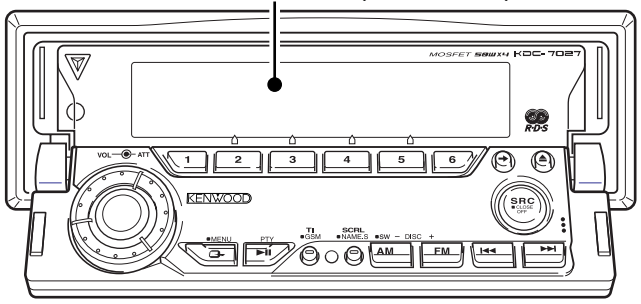
KDC-8026
KDC-MP825
KDC-MPV8025
KDC-W7027
SERVICE MANUAL

KENWOOD

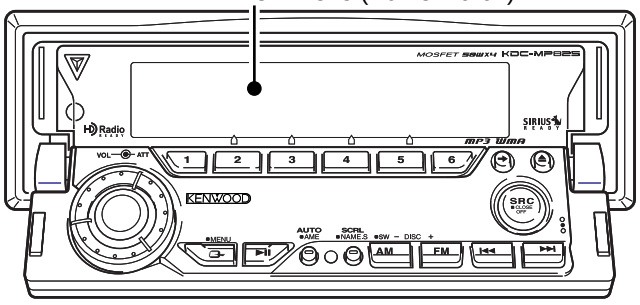
© 2004-02 PRINTED IN JAPAN
B53-0130-00 (N) 2704

CD mechanism extension cord (24PIN) : W05-0935-00

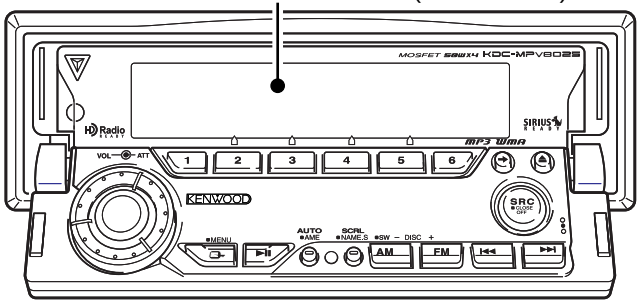
Panel assy
KDC-8026 (A64-3231-01)



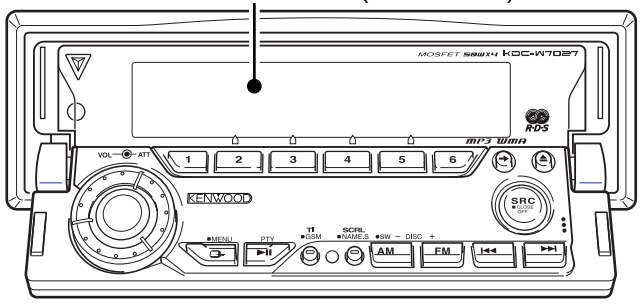
Panel assy
KDC-MP825 (A64-3229-01)



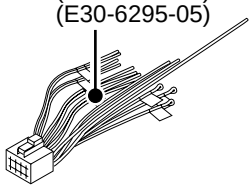
Panel assy
KDC-MPV8025 (A64-3228-01)



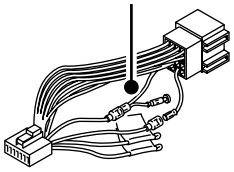
Panel assy
KDC-W7027 (A64-3223-01)



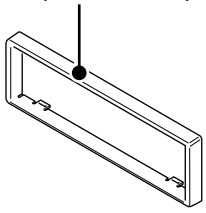
* DC cord
(E30-6294-05)
(E30-6295-05)



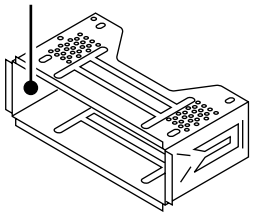
* DC cord
(E30-4942-05)



Escutcheon
(B07-3078-01)



Mounting hardware assy
(J21-9823-03)

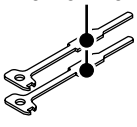


* Antenna adaptor
(T90-0552-05)

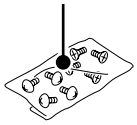
*Remote controller assy
(A70-2040-05) : RC-505

*Size AA Battery
(Not Supplied)

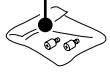
Lever
(D10-4674-04) x 2



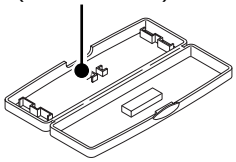
*Screw set
(N99-1723-05)



Screw
(N99-1734-05)



Plastic cabinet assy
(A02-2731-13)



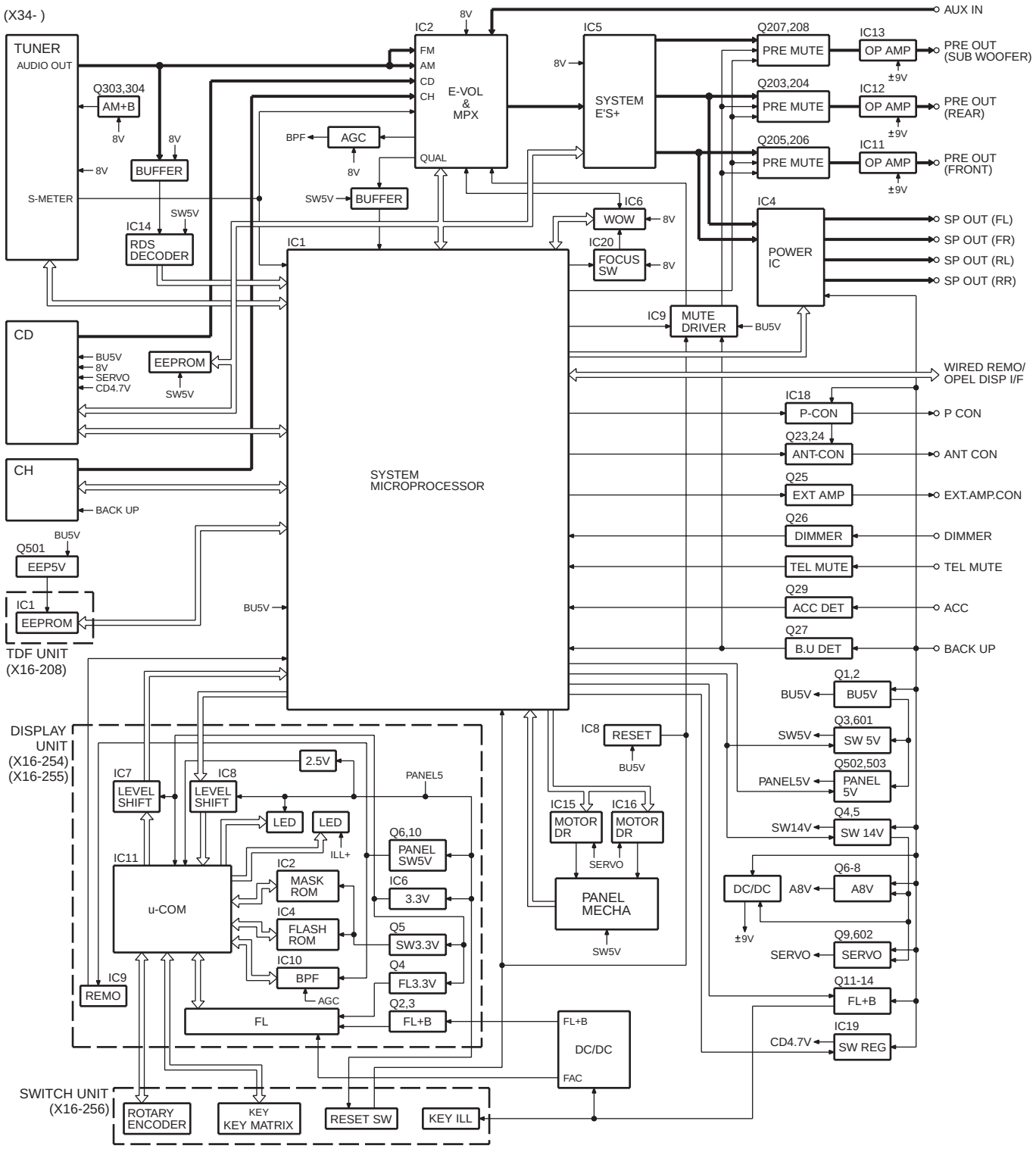
TDF PANEL INFORMATION

MODEL	PARTS NO.	PANEL NAME
KDC-8026	Y33-1790-61	TDF-M7000
KDC-MP825		
KDC-MPV8025		
KDC-W7027		

* Depends on model. Refer to the parts list.

40%

BLOCK DIAGRAM



COMPONENTS DESCRIPTION

● SUB CIRCUIT UNIT (X16-2080-10)

Ref No.	Application / Functions	Operation / Condition / Compatibility
IC1	E2PROM	E2PROM for security

● DISPLAY UNIT (X16-2540-10)

Ref No.	Application / Functions	Operation / Condition / Compatibility
IC1	Driver	LCD driver (Include KEY input function)
IC2	Driver	LCD driver
IC3	Remote control IC	For Remote control sensor
Q1	SW	Key scan start SW “ON” when Q1 base level goes L
Q2	Red LED SW	Red LED is turned on when Q2 base level goes H
Q5	VLCD AVR	Reference voltage
Q6	SW	Power supply control SW “ON” when base level goes L
Q11	Dimmer control	LCD back light control “OFF” when Q11 base level goes L
D26	VLCD AVR	Reference voltage

● DISPLAY UNIT (X16-2550-10)

Ref No.	Application / Functions	Operation / Condition / Compatibility
IC1	Driver	LCD driver (Include KEY input function)
IC2	Driver	LCD driver
IC3	Remote control IC	For Remote control sensor
IC4	D/A converter	For Variable illumination control
Q1	SW	Key scan start SW ON when Q1 base level goes L
Q2	Red LED SW	Red LED is turned on when Q2 base level goes H
Q5,D26	VLCD AVR	Reference voltage
Q6	SW	Power supply control SW ON when base level goes L
Q11-16	Illumination control	Variable illumination control transistor
Q62-64	Illumination control	Variable illumination control transistor

● SWITCH UNIT (X16-2560-11)

Ref No.	Application / Functions	Operation / Condition / Compatibility
Q1	DSI LED SW	DSI LED blinks when Q1 base level goes H/L
Q2	KEY Illumination SW (Green)	KEY Illumination SW “ON” when the Q2 base level goes H
Q3	KEY Illumination SW (Red)	KEY Illumination SW “ON” when the Q3 base level goes H
Q4	KEY Illumination SW (Blue)	KEY Illumination SW “ON” when the Q4 base level goes H

● CD PLAYER UNIT (X32-5540-00)

Ref No.	Application / Functions	Operation / Condition / Compatibility
IC1	Mechanism control microprocessor	-
IC2	DSP	CD signal processor, RF amp, Servo control
IC3	Decoder IC	MP3/WMA decoder
IC4	BTL driver	Focus, Tracking coil, Feed and Spindle motor driver IC
IC5	AVR	SW3.3V AVR
IC6	AVR	BU3.3V AVR

COMPONENTS DESCRIPTION

Ref No.	Application / Functions	Operation / Condition / Compatibility
IC7	AVR	BU2.5V AVR
IC8	Selector IC	Serial audio data selector
IC9	AVR	3.3V AVR (IC2 DAC part)
Q1,4	Level shift FET	Level shift (3.3V - 5.0V)
Q3,5	Level shift TR	Level shift (3.3V - 5.0V)
Q6	Level shift TR	Level shift (3.3V - 5.0V)
Q7	Level shift TR	Level shift (3.3V - 5.0V)
Q8	APC	Auto power control
Q9,10	Switching TR	Sub beam delay control switch

● ELECTRIC UNIT (X34-3040-10/11/21, X34-3042-71)

Ref No.	Application / Functions	Operation / Condition / Compatibility
IC1	System control IC	System control microprocessor
IC2	E-VOL & tuner IC	E-VOL. FM/AM tuner & stereo decoder
IC3	Power supply IC	For A8V AVR
IC4	Audio power IC	Audio power amplifier
IC5	Power supply IC	Switching regulator IC for CD5V
IC7	Reset IC	When BU5V line voltage is less than 3.5V, this IC output line is “L”
IC8	Muting logic IC	Control for MUTE, P-ANT & RESET muting
IC12	RDS decoder	Decode for RDS signal
IC13,14	Motor driver	Control for Panel mechanism motor
Q1,2	BU 5V AVR	While BU is applied when BU5V regulator output is +5V
Q3	SW5V AVR	When Q3base level goes L, SW5V regulator output is +5V
Q4,5	SW14V AVR	When Q5 base level goes H, SW14V regulator output is +14V
Q6-8	Audio 8V AVR	When Q6 base level goes H, A8V regulator output is +8.4V
Q9,34	Servo +B AVR	When Q34 base level goes H, S+B regulator output is +7.4V
Q11~14	Illumination +B AVR	When Q11 base level goes H, AVR output is +10.5V
Q23,24	P-ANT SW	When Q23 base level goes H, P-ANT SW output is +14V
Q25,26	P-CON SW	When Q26 base level goes H, P-CPN SW output is +14V
Q27,28	P-CON protection	Protect Q27 by turning on when P-CON output is grounded
Q29	Buffer	EX amp control buffer
Q30	Small lamp det. SW	When Q30 base level goes H, Q30 turned ON
Q32	BU detector	When Q32 base level goes H, Q32 turned ON
Q33	ACC detector	When Q33 base level goes H, Q33 turned ON
Q51,52	Muting driver	When base level goes L, muting driver is turned ON
Q55,56,59,60	Pre-out muting SW	When base level goes H, Pre-output is muted
Q63	E2P 5V SW	When Q63 base level goes L, E2P 5V is out for E2P ROM
Q102,103	AM +B SW	When Q102 base level goes H, AM +B is out to tuner unit
Q104	Buffer	Composite signal buffer for RDS

MICROCOMPUTER'S TERMINAL DESCRIPTION

● SYSTEM MICROPROCESSOR : UPD703030GC042 (X34-304 : IC1)

Pin No.	Pin Name	I/O	Description / Processing Operation	Fig.
1	PLL DATA	I/O	Data input/output terminal for Tuner front-end	
2	AM+B	I/O	AM+B (AM operation : H)	
3	(FM+B)	O	FM+B (FM operation : H, Last FM : H with RDS,RBDS model)	
4	PAN E2P DATA	I/O	Variable illumination D/A converter, E2PROM DATA terminal	
5	PAN E2P CLK	I/O	Variable illumination D/A converter, E2PROM CLK terminal	
6	EVDD	-	VDD 5V	
7	EVSS	-	GND	
8	AFS	O	Time constant switching for noise detection (FM seek, AF search, AUTO 0 : L, Receiving : H)	
9	BEEP	O	BEEP audio output terminal	
10	REMO	I	Remote control input terminal	
11	P MUTE	O	Audio power IC muting control terminal (POWER OFF, ALL OFF, TEL MUTE : L)	
12	SVR	O	Audio power IC SVR discharge circuit control terminal	
13	IC2 SDA	I/O	CD mechanism, IC2, IC5, ROM correction DATA line	
14	IC2 CLK	I/O	CD mechanism, IC2, IC5, ROM correction CLOCK line	
15	P STBY	O	Audio power IC Stand-by terminal (POWER IC ON, ALL OFF : H, POWER IC OFF : L)	
16	P CON	I/O	Power control terminal (POWER ON : H, POWER OFF, ALL OFF : Hi-Z)	
17	DIMMER CONT	O	Dimmer control terminal (W-LED only : Pulse control F=1KHz, Normal : H)	
18	TEST	-	NC (GND)	
19	TYPE2	I	Destination select terminal	
20	MUTE	O	MUTE output terminal (ON : OPEN, OFF : L)	
21	PRE MUTER	O	PREOUT (Rch) muting control terminal	
22	PRE MUTEL	O	PREOUT (Lch) muting control terminal	
23	BU DET	I	Momentary power dropped detection terminal (No Backup, Momentary power dropped : H, Backup : L)	
24	ACC DET	I	ACC detection terminal (With ACC : L, Without ACC : H)	
25	SW5V	I/O	SW5V control terminal (OFF : H, ON : L)	
26	EXT AMP CONT	O	External amplifier control terminal	
27	DIMMER	I	Small lamp detection terminal (ON : L, OFF : H)	
28	ANT CONT	I/O	Antenna control/ Destination select terminal (TUNER ON : H)	
29	P ON	I/O	SW14V, SW5V control terminal (POWER ON : H, POWER OFF : Hi-Z)	
30	ILL ON	I/O	FL, illumination control terminal (ON : H, OFF : Hi-Z)	
31	RESET	I	Reset input terminal	
32,33	XT1/XT2	-	Sub clock (32.768kHz)	
34	REGC	-	Connect to 1μF capacitor	
35,36	X2/X1	-	Main clock (20MHz)	
37	VSS	-	GND	
38	VDD	-	AVR 5V	
39	CLKOUT	-	NC	
40	LX REQ M	O	Communication request to external slave unit (Request : L)	
41	LX MUTE	I	Mute request from external slave unit (MUTE : H)	

MICROCOMPUTER'S TERMINAL DESCRIPTION

Pin No.	Pin Name	I/O	Description / Processing Operation	
42	LX CON	O	External slave unit (ON : H, OFF : L)	
43	LX RST	O	Reset output to external slave unit (Normal : L, After system reset : H 400ms or more and then L)	
44	CD MECHA+B	O	CD4.7V output terminal (CD : H, Except CD source : L)	
45,46	TYPE0/TYPE1	I	Destination select terminal	
47,48	IC2 TYPE0/TYPE1	I	IC2 destination select terminal	
49	NC	-	NC	
50	E2P5V	I/O	E2PROM, D/A converter power supply control terminal (ON : L, OFF : Hi-Z)	
51	DSI	I/O	DSI control (ON : L, OFF : Hi-Z)	
52	L CE	O	CE output to LCD driver IC	
53	L INH	O	INN output to LCD driver IC (Normal : H, Reset, Momentary power dropped : L)	
54	VOL A	I	Volume input terminal	
55	DVDD	-	AVR 5V	
56	DVSS	-	GND	
57	VOL B	I	Volume input terminal	
58	M RST	O	Reset output to CD mechanism (Normal : H, Reset : L)	
59	M STOP	O	Stop request to CD mechanism (STOP : L, CD : H)	
60	CD SW3	I	CD DOWN SW detection terminal (CD disc chucking : H)	
61	LO/EJ	I/O	CD mechanism loading/ eject selector (STOP, Brake : Hi-Z, LOADING : L, EJECT : H)	
62	MOSW	O	CD mechanism motor driver SW (LOADING, EJECT, Brake : H)	
63	FPM MOTOR B	O	FPM mechanism (Slider) control terminal	1
64	FPM MOTOR F	O	FPM mechanism (Slider) control terminal	1
65	FPM MOTOR O	O	FPM mechanism (Angle) control terminal	1
66	FPM MOTOR C	O	FPM mechanism (Angle) control terminal	1
67	O DATA	I/O	External display DATA terminal	1
68	O CLK	I/O	External display CLK terminal	
69	O CE	I/O	External display chip enable terminal	
70	M MUTER	I	Mute request from CD mechanism (Rch ON : L)	
71	AVDD	-	AVR 5V	
72	AVSS	-	GND	
73	AVREF	I	Connect to P-ON (29PIN)	
74	M MUTEL	I	Mute request from CD mechanism (Lch ON : L)	
75	PAN DET	I	PANEL, E2PROM detection terminal (With panel : L, Without : H)	
76	PHONE	I	PHONE detection terminal (TEL MUTE : 1V or less, NAVI MUTE : 2.5V or more)	
77	FPM SW4	I	FPM mechanism position detect/ CD Mechanism detection terminal (3.75V or more : No mechanism, 1.25V or more : H, Less than 1.25V : L)	1
78	FPM SW1	I	FPM mechanism position detect terminal	1
79	FPM SW2	I	FPM mechanism position detect terminal	1
80	FPM SW3	I	FPM mechanism position detect terminal	1
81	FPM PHOUT	I	FPM mechanism position detect terminal (2.2V or more : H)	1
82	S METER	I	S meter detection terminal	

MICROCOMPUTER'S TERMINAL DESCRIPTION

Pin No.	Pin Name	I/O	Description / Processing Operation	
83	NOISE	I	FM noise detection terminal	
84	IFC OUT	I	Front end IFC OUT input terminal (Receiving station : 2.5V or more)	
85	POWER DET	I	Audio power IC DC offset detection	
86	CD SW4	I	8cmDISC detection terminal (8cmDISC : L)	
87	R CLK	I	RDS decoder clock input terminal	
88	LX REQ S	I	Receive request from external slave unit (Request : L)	
89	SC REQ	I	Communication request from panel microprocessor	
90	CD SW1	I	LOADING SW detection terminal (LOADING start, POWER OFF : L)	
91	CD SW2	I	12cmDISC detection terminal (12cmDISC, POWER OFF : L)	
92	R QUAL	I	RDS decoder QUAL input terminal	
93	R DATA	I	RDS decoder DATA input terminal	
94	LX DATA S	I	Data input from external slave unit	
95	LX DATA M	O	Data output to external slave unit	
96	LX CLK	I/O	Clock input/ output with external slave unit	
97	L DATAL	I	Data input from LCD driver	
98	L DATAS	O	Data output to LCD driver	
99	L CLK	O	CLK output to LCD driver	
100	PLL CLK	I/O	Clock input/ output to Tuner front-end	

Fig.1 FPM motor control

SLIDE		FPM mechanism
FPM MOTOR B	FPM MOTOR F	operation
L	L	Standby
H	L	Backward operation
L	H	Forward operation
H	H	Brake

ANGLE		FPM mechanism
FPM MOTOR O	FPM MOTOR C	operation
L	L	Standby
H	L	Angle open direction
L	H	Angle close direction
H	H	Brake

● MECHANISM CONTROL MICROPROCESSOR : 91CW12AFG-4VF6 (X32-554 : IC1)

Pin No.	Pin Name	I/O	Description / Processing Operation
1	VREFL	I	Reference voltage input terminal
2	AVSS	-	GND for ADC
3	AVCC	-	Power supply for ADC (BU3.3V)
4	NC	O	NC (OPEN)
5	$\overline{20RST}$	O	Reset control output terminal (for decoder) L : RESET, H : NORMAL
6	20ACK	I	Acknowledge signal input terminal (for decoder)
7	20STBY	O	Standby control (for decoder) H : STAND BY, L : NORMAL
8,9	NC	O	NC (OPEN)
10	20INT	I	Interrupt signal input terminal (for decoder)
11	FOGUP	I	Interrupt for focus gain up control signal H : Focus gain UP, L : NORMAL

MICROCOMPUTER'S TERMINAL DESCRIPTION

Pin No.	Pin Name	I/O	Description / Processing Operation
12	LZM	I	0bit muting detect (Lch) L : MUTE OFF, H : MUTE ON
13	RZM	I	0bit muting detect (Rch) L : MUTE OFF, H : MUTE ON
14,15	NC	O	NC
16	$\overline{20CS}$	O	Chip select signal output terminal (for decoder)
17	$\overline{20LP}$	O	Latch pules signal output terminal (for decoder)
18	20TXD0	I/O	Serial data signal output terminal (for decoder)
19	20RXD0	I	Serial data signal input terminal (for decoder)
20	20SCLK0	O	Serial data clock output terminal (for decoder)
21	DSPTXD1	O	Serial data signal output terminal (for DSP)
22	DSPRXD1	I	Serial data signal input terminal (for DSP)
23	DSPSCLK1	O	Serial data clock output terminal (for DSP)
24	AM0	I	Select for ROM mode H : NORMAL, L : External ROM mode
25	DVCC	-	BU3.3V
26	X2	O	Oscillator (16MHz)
27	DVSS	-	GND
28	X1	I	Oscillator (16MHz)
29	AM1	I	BU3.3V
30	$\overline{RESET}$	I	Reset terminal L : RESET, H : NORMAL
31,32	NC	O	NC
33,34	EMU0,1	O	NC
35	$\overline{DSPSTB}$	O	Data strobe signal output terminal
36	DSPA0	O	Command, parameter select signal H : Parameter, L : Command
37	$\overline{DSPRST}$	O	Reset control output terminal (for DSP)
38	DSPINT	I	Interrupt signal input terminal (for DSP) H : Interrupt
39	/DAC RESET	O	Reset signal output terminal (for DSP) L : RESET, H : NORMAL
40	SEARCH	O	Search condition output terminal H : Search, L : NORMAL
41	LOE/LIM_SW	I	SLT SW detect input terminal H : Inside
42~45	NC	O	NC (OPEN)
46	PONE5	O	+5V AVR control terminal (for VIDEO) H : Power ON
47	PONE2.5	O	+2.5V AVR control terminal (for VIDEO) H : Power ON
48,49	NC	O	NC (OPEN)
50	FLAGIN	I	C2 error detect terminal L : Correction OK, H : Correction NG
51~60	NC	O	NC (OPEN)
61	/DAC PD	O	Reset control output terminal (for DAC) L : RESET, H : NORMAL
62	DVSS	-	GND
63	$\overline{NMI}$	I	Request for non maskable interrupt signal input terminal
64	DVCC	-	+VCC
65	DAC MUTE	O	Muting control output terminal (for DAC) H : MUTE, L : MUTE OFF
66	DAC PON	O	Audio power supply (for DXM-6550) H : POWER ON
67	PONA5	O	+5V Audio power supply (for DXM-6550) H : POWER ON

MICROCOMPUTER'S TERMINAL DESCRIPTION

Pin No.	Pin Name	I/O	Description / Processing Operation
68	$\overline{\text{ESRST}}$	O	Reset signal output terminal (for ES3890) L : RESET, H : NORMAL
69	VMUTE	O	Video mute control terminal H : MUTE ON, L : MUTE OFF
70	NC	O	NC (OPEN)
71	SELINT	O	Video/Audio select output terminal H : NORMAL, L : Interrupt
72	ASEL0	O	Audio signal output select control terminal 1 00 : STEREO, 01 : Lch
73	ASEL1	O	Audio signal output select control terminal 1 10 : Rch, 11 : Not function
74	$\overline{\text{NT/PAL}}$	O	NTSC/PAL select terminal L : NTSC, H : PAL
75	DATASEL	O	20F/ES3890 output select H : 20F, L : ES3890
76,77	NC	O	NC (OPEN)
78	NC(BOOT)	I	Flash memory writing terminal L : Writing, H : NORMAL
79,80	NC	O	NC (OPEN)
81	POND3.3	O	D3.3V power ON control terminal H : POWER ON
82	$\overline{\text{MUTEL}}$	O	Audio muting control terminal (Lch)
83	$\overline{\text{MUTER}}$	O	Audio muting control terminal (Rch)
84	SDA	I/O	I2C data (for system microprocessor)
85	SCL	I/O	I2C clock (for system microprocessor)
86	MSTOP	I	Interrupt signal for stand-by mode L : STOP, H : STOP cancellation
87	NC	O	NC
88	$\overline{\text{DMUTE}}$	O	Driver muting control L : MUTE ON, H : MUTE OFF
89	DVCC	-	+VCC
90	NC	O	NC (OPEN)
91	DVSS	-	GND
92,93	NC	I	NC
94	MSEL	I	Memory capacity select input terminal H : Capacity Down, L : Capacity UP
95	VCDSEL	I	NC
96	ASEL	I	Audio signal output polarity selector H : Reversal output, L : Noninversion output
97	CHSEL	I	Changer detect input terminal H : Changer, L : Normal
98	SEL0	I	Destination input terminal DXM6540 (SEL0 : Lo, SEL1 : Lo)
99	SEL1	I	Destination input terminal DXM6540 (SEL0 : Lo, SEL1 : Lo)
100	VREFH	I	ADC reference power supply (BU3.3V)

TEST MODE

● How to enter the test mode

While pressing and holding the Preset 1 and Preset 3 keys, reset the unit.

● How to exit from the test mode

While holding the Preset 6 key, reset the unit.

Note : Turning ACC off, power off, momentary power down or panel detaching does not terminate the test mode.

● Initial status in the test mode

- Sources : ALL OFF
- Display : All segments are lit.
- Volume : -10dB (displayed as “30”)
- Loudness : OFF
- CRSC : OFF regardless of the presence of switching function.
- SYSTEM Q : Flat
- WOW : All OFF
- BEEP : When pressing any keys, the buzzer generates a beep at any time.
- AUX : ON
- MENU SYSTEM Q : OFF
- Variable model : Default is white
- Multifunction : Source dependency (Preset, SCAN, etc.)

● Special display in Tuner mode

When any of the following messages is displayed in Tuner mode, the F/E may be abnormal.

- “TNE2P NG” : The EEPROM is set to the default (unstable values) because the F/E was shipped without passing through the adjustment process, etc.
- “TNCON NG” : Communication with the F/E is not possible.

● Forced switching of K3I

Each press of the Preset 6 key in Tuner mode should switch K3I from AUTO→Forced Wide→Forced Middle→Forced Narrow→AUTO.

The initial status is AUTO and the display shows these modes as follows.

- AUTO : FMA
- Forced Wide : FMW
- Forced Middle : FMM
- Forced Narrow : FMN

● Test mode specifications of the CD receiver

- Forced ejection is inhibited in the reset start operation. When the unit is reset while a CD is loaded in it, resetting does not recognize the CD.
- Each press of the Track Up key jumps to the following track numbers :
  No. 9→No. 15→No. 10→No. 11→No. 12→No. 13→No. 22 →No. 14→No. 9 (The cycle restarts from here.)
- Each press of the Track Down key jumps to the previous track number to the track being played.
- When the number of total trucks of the MP3 disc or the WMA disc is less than 9, 1st truck is played.
- When the disc media is CD, A short press of the Preset 1 key jumps to the track number 28.
- When the model is equipped the CD mechanism assembly adapted for MP3 or MP3/WMA disc, the mechanism name and version number are displayed during the FL model is lower stand and Display mode of LCD model is DNPS.

● Audio-related specifications

- Pressing the ✻ key on the remote initiates the audio adjustment mode.
- BL/F key on the Fader initials.
- Continuous holding of a remote control key is inhibited, and workings are short press of any keys.
- Bass, Middle and Treble are adjusted in 3 steps of -8 / 0 /+8 with the Track Up/Down keys (Default value at 0).
- Balance is adjusted in 3 steps of L15 / 0 / R15 with the Track Up/Down keys (Default value at 0).
- Fader is adjusted in 3 steps of R15 / 0 / F15 with the Track Up/Down keys (Default value at 0).
- HPF is adjusted in 2 steps of OFF / 170Hz (or 200Hz) with the Track Up/Down keys (Default value at OFF).
- LPF is adjusted in 2 steps of OFF / 120Hz with the Track Up/Down keys (Default value at OFF).
- Bass f, Bass Q, Bass EXT, Middle f, Middle Q and Treble f are not dealt with by the audio adjust.
- The WOW key passes during the audio adjustment as following steps (WOW model only).

Ordered	TruBass	FOCUS	SRS	Display
1	OFF	OFF	OFF	SRS WOW OFF
2	ON	OFF	OFF	SRS TruBass ON
3	OFF	LOW	OFF	FOCUS LOW
4	OFF	HIGH	OFF	FOCUS HIGH
5	OFF	OFF	ON	SRS ON
6	ON	HIGH	ON	SRS WOW HIGH

TEST MODE

● Menu-related specifications

- A short press of the Q key initiates the menu mode.
- Pressing the DNPP key on the remote initiates the Menu mode.
- Continuous holding of a remote control key is inhibited, and workings are short press of any keys.
- Contrast is adjusted in 3 steps of 0 / 5 / 10 with the Track Up/Down keys (Default value at 5).

● Backup current measurement

When the unit is reset while ACC is OFF (i.e. by turning Backup ON), the MUTE terminal goes OFF in 2 seconds in place of 15 second. (The CD mechanism is not activated at this time.)

● Special display when the display is all on

Pressing the Preset keys while the power is ALL OFF displays the following information.

[PRESET 1]	Version display (8 digits, Month/Day/Hour/Minute) (Display) SYS xxxxxxxx : PAN xxxxxxxx : FL model only MEM xxxxxxxx : 4 contrasts FL model only
[PRESET 2]	Serial number display (8 digits) (Display) SNo xxxxxxxx
[PRESET 3]	Short press : View power ON time. (The All OFF period is not counted.) 2 seconds long press/hold : Clear power ON time at the power ON time displaying. (Display) PonTim xxxxx Max. 60000 (hours)
[PRESET 4]	Short press : Display CD operation time. 2 seconds long press/hold : Clear CD operation time at the CD operation time displaying. (Display) CDTim xxxxx Max. 60000 (hours)
[PRESET 5]	Short press : Display CD ejection count. 2 seconds long press/hold : Clear CD ejection count at the CD ejection count displaying. (Display) EjeCnt xxxxx Max. 60000 (times)
[PRESET 6]	Short press : Display Panel open/close count. 2 seconds long press/hold : Clear Panel open/close count at the Panel open/close count. (Display) PnCnt xxxxxx Max. 600000 (times)
FM key	Display ROM collection version. (Display) ROM R xxx Invalid : “R – – –”
AM key	Display panel E2PROM condition. (Display) P–ROM OK (Registered code) P–ROM NG (Code is write in error) P–ROM WAIT (Unregistered code) P-ROM NON (Panel security nonfunctional)

● Panel mechanism

- Auto-panel close inhibition when set-in the CD.
- The panel operation inhibition at power ON/OFF and ACC ON/OFF.
- The panel position changing Eject→Last with a short press of the PLAY/PAUSE keys.

● Other specifications

- No displays such as “CODE OFF/ON” during Power-ON.
- The LINE MUTE inhibition time is one second from 10 seconds when start-up the test mode.
- Do not write the security code with the security jig on the test mode.
- Do not write the serial with the serial writing jig on the test mode.
- OEM display output is not stop if OEM display not connection on the test mode.

● Switching the frequency span (K/M type)

While holding the Preset 1 key and Preset 5 key, reset the unit.

● Demonstration mode

1. How to enter to the Demonstration mode

1. Hold down the [Q] key and [TI (AME)] key button when the power is on and press the Reset button.
2. This will enter to the Demonstration mode.

2. How to chancel the Demonstration mode

1. Hold-down the Preset [5] key button when the power is on and press the Reset button.
2. This will cancel the Demonstration mode.

TEST MODE

● Security information

1. Forced Power ON mode (All models)

Even when the security (Cord) is approved, resetting the unit while holding the Q and Preset 4 keys makes it possible to turn the power ON for 30 minutes.

After 30 minutes have elapsed, it is not possible to return to the previous condition unless the unit is reset again. (Security code is doing not clear at this mode. Put the power on fill-in.)

When panel security was set up for the unit when it is can not power on.

In this case, you can use new ROM for the TDF panel that the unit can be power on for test mode.

Note : Don't enter the panel security set up for new ROM panel. User can not power on the unit.

2. Method of registration of the security code after EEPROM (F/E) replacement (Code security model)

1. Enter the test mode. (See How to enter the test mode)
2. Press the MENU key to enter the Menu mode.
3. When the message "Security" is displayed, press and hold the Track Up/Down key for 1 second to enter the security registration mode.
4. Enter the code using the FM/AM/Track Up/Track Down keys.
   FM key : Number up
   AM key : Number down
   Track Up key : Cursor right shift
   Track Down key : Cursor left shift
5. Hold down the Track Up key for at least 3 seconds and the message, "RE-ENTER" appears, so once again enter the code according to Step 4 above.
6. Press and hold the Track Up key for 3 seconds until "APPROVED" is displayed.
7. Exit from the test mode. (See 2. How to exit from the test mode)

   Note 1 : All Clear is not applicable to the security code of this model.

   Note 2 : When the F/E changed, need re-inscription because the panel security is clear.

3. How to inscription the panel security code

1. Enter the test mode.
2. Pressing the AM key on all lighting, check the "P-ROM WAIT" display.
3. The NEXT key is long press 2 seconds, writing the code.
4. Display is "P-ROM OK".
5. Exit from the test mode.

   Note : E2PROM connection is NG when display is "P-ROM NG", so detach the panel and rewrite after the display is "PROM WAIT". This code can not clear.

4. Simple way to clear the security code (K type only)

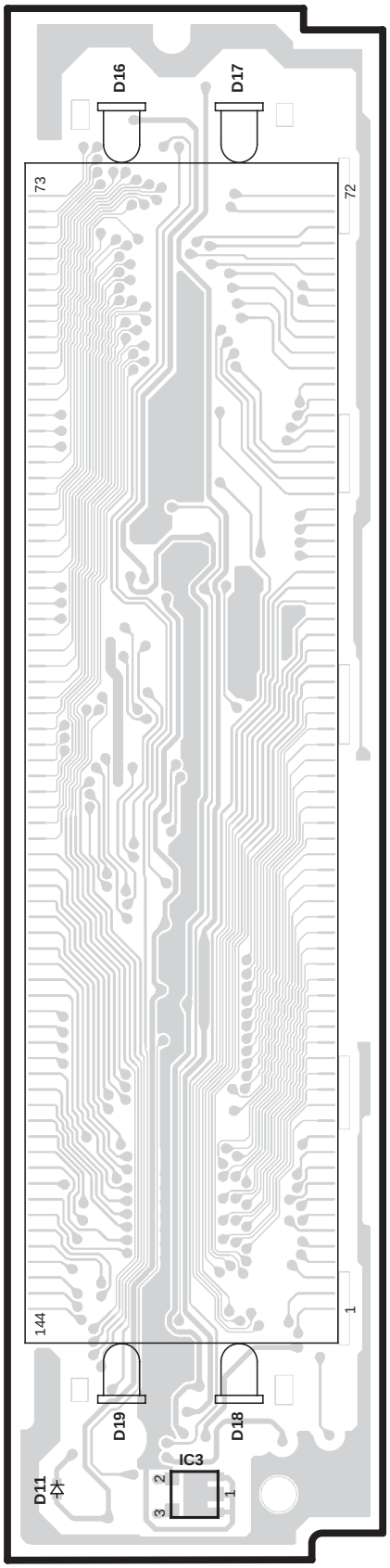
1. During code request mode, press the Track UP key for at least 3 seconds while holding down the AUTO key. (– – – – will disappear)
2. Enter, "KCAR" with the remote controller as described below.

- Press the remote controller 5 key twice, and press the Track Up key. (Enters a "K")
- Press the remote controller 2 key three times, and press the Track Up key. (Enters a "C")
- Press the remote controller 2 key once, and press the Track Up key. (Enters an "A")
- Press the remote controller 7 key twice, and press the Track Up key. (Enters an "R")

3. Security function is canceled and unit sets to All-Off mode.
4. Code request mode appears if a mistake was made in entering the numbers.

PC BOARD
(COMPONENT SIDE VIEW)

DISPLAY UNIT
X16-2540-10 (J74-1588-02)

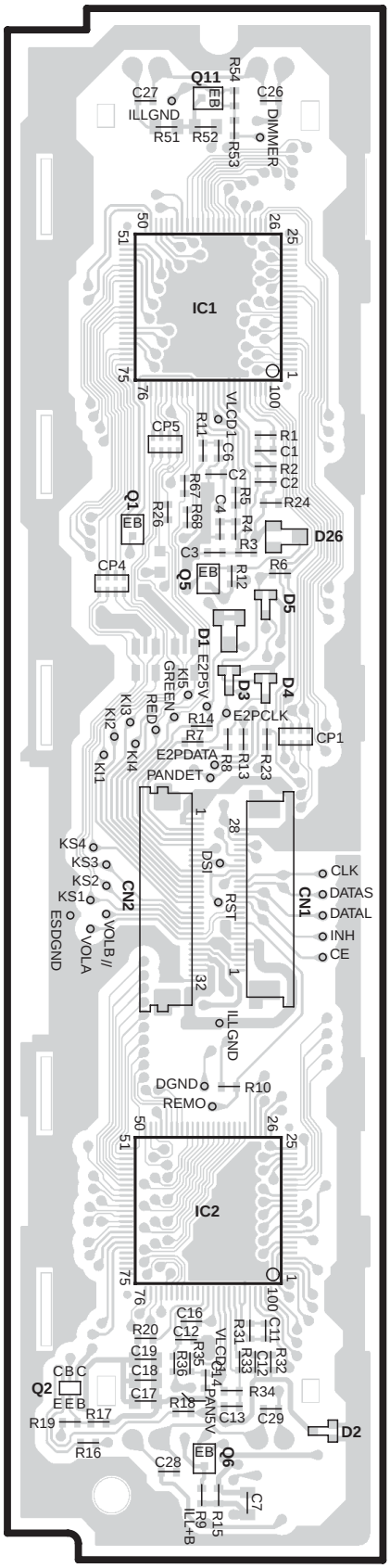


X16-2540-10

Ref. No.	Address
IC3	7A

(FOIL SIDE VIEW)

DISPLAY UNIT
X16-2540-10 (J74-1588-02)



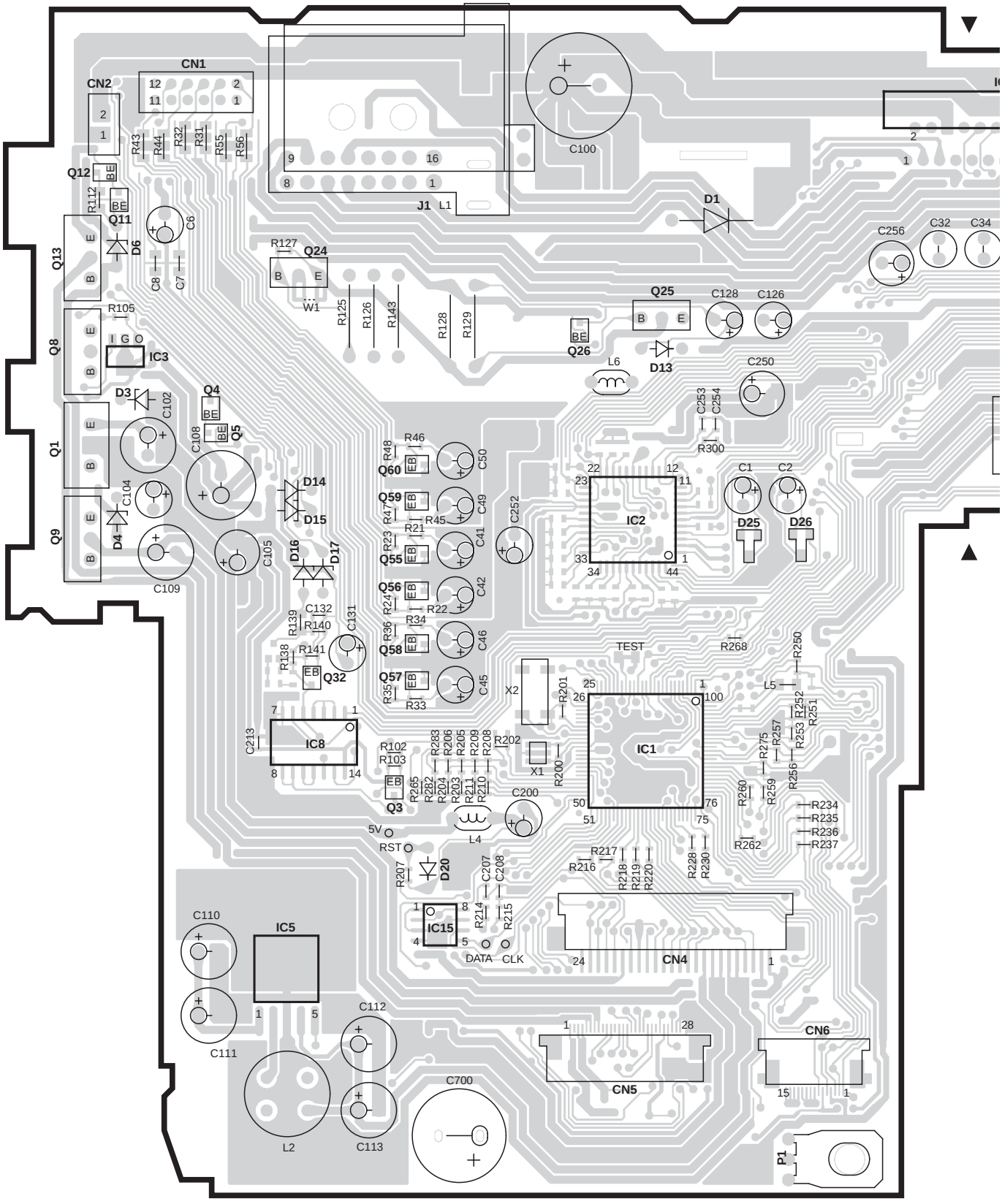
X16-2540-10

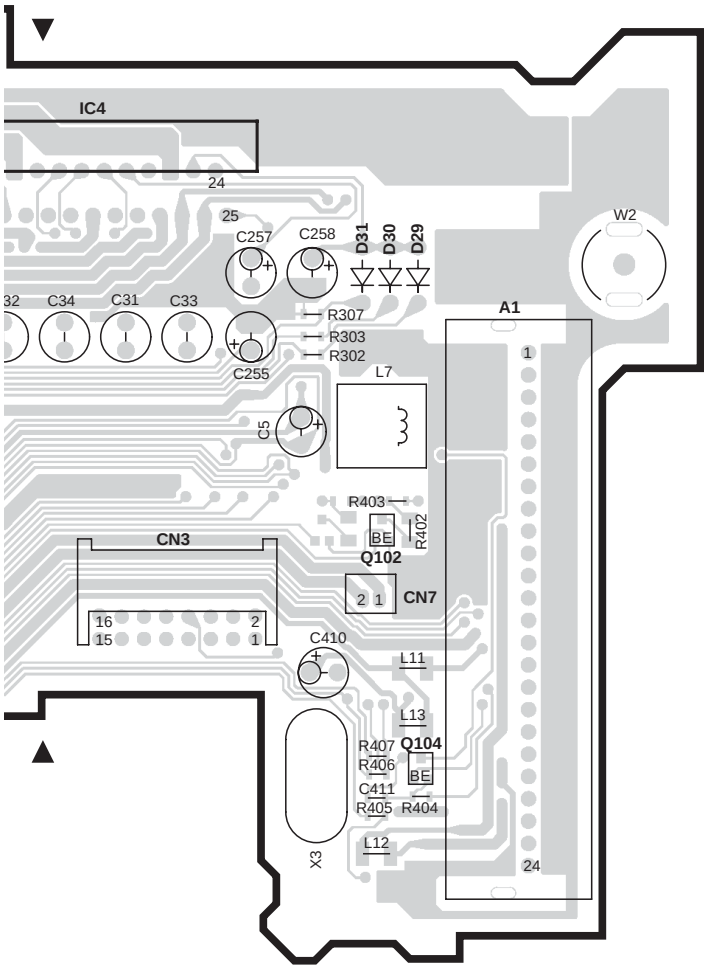
Ref. No.	Address
IC1	3D
IC2	6D
Q1	3C
Q2	6C
Q5	4D
Q6	7D
Q11	2D

Refer to the schematic diagram for the values of resistors and capacitors.

PC BOARD (COMPONENT SIDE VIEW)

ELECTRIC UNIT X34-304x-xx (J74-1474-22)



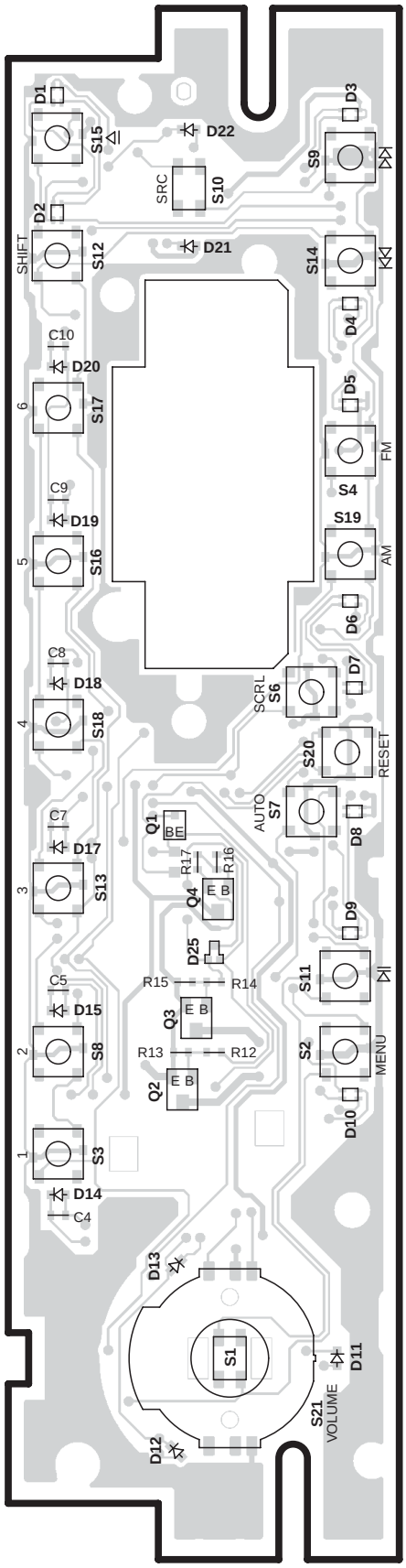


X34-304x-xx

Ref. No.	Address	Ref. No.	Address
IC1	5I	Q12	2F
IC2	4I	Q13	3F
IC3	3G	Q24	2G
IC4	2K	Q25	3I
IC5	6G	Q26	3I
IC8	5G	Q32	4G
Q1	3F	Q55	4H
Q3	5H	Q56	4H
Q4	3G	Q59	4H
Q5	3G	Q60	3H
Q8	3F	Q102	3L
Q9	4F	Q104	4L
Q11	2F		

Refer to the schematic diagram for the values of resistors and capacitors.

SWITCH UNIT
X16-2560-11 (J74-1590-02)



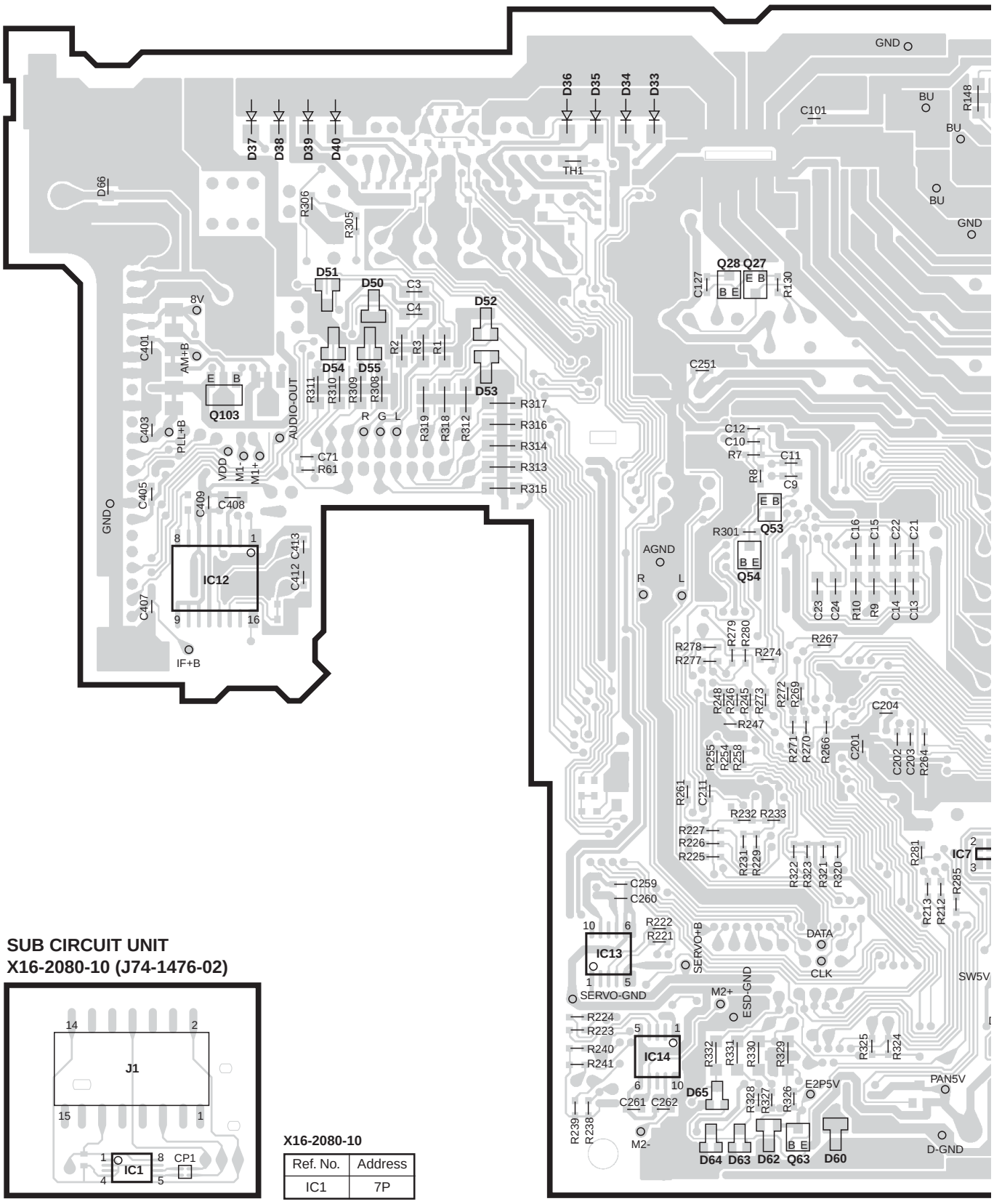
X16-2560-11

Ref. No.	Address
Q1	4N
Q2	5N
Q3	5N
Q4	5N

KDC-8026/MP825
KDC-MPV8025/W7027

PC BOARD (FOIL SIDE VIEW)

ELECTRIC UNIT X34-304x-xx (J74-1474-22)

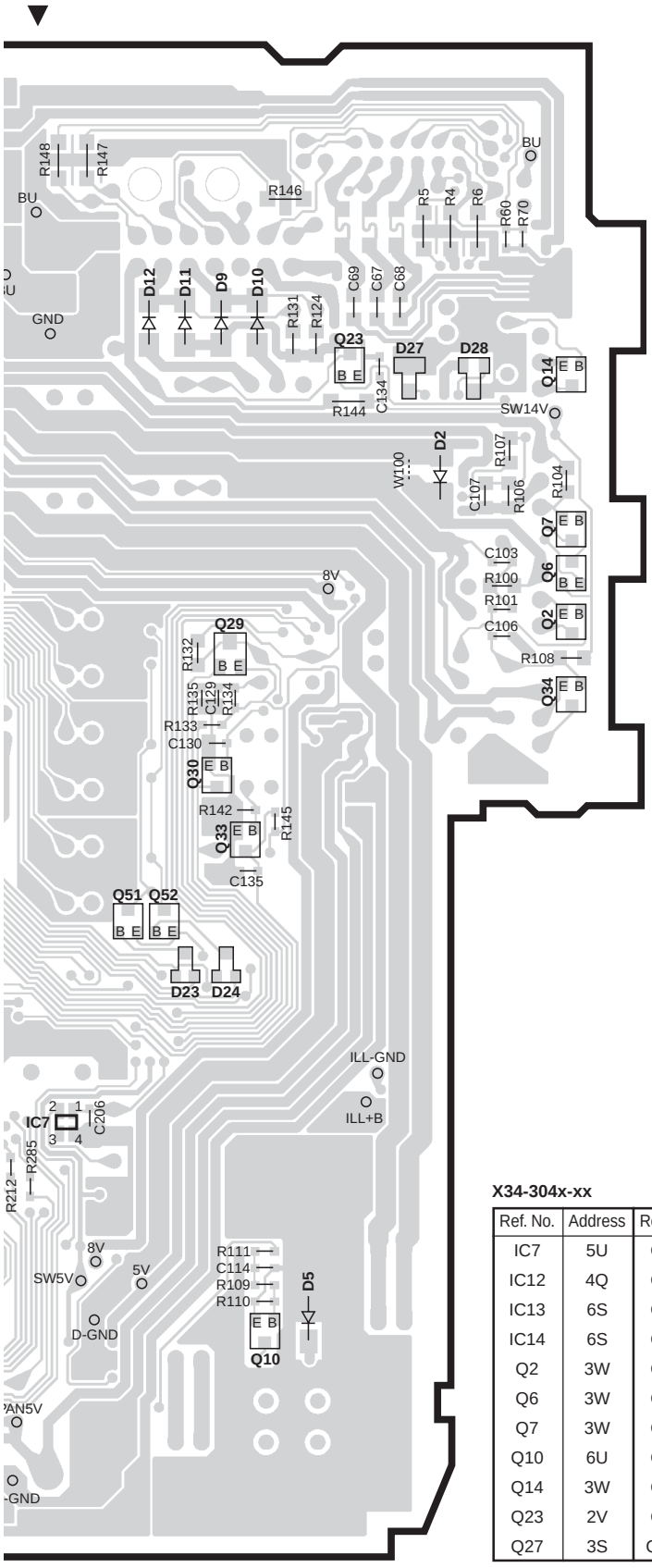


SUB CIRCUIT UNIT
X16-2080-10 (J74-1476-02)

X16-2080-10

Ref. No.	Address
IC1	7P

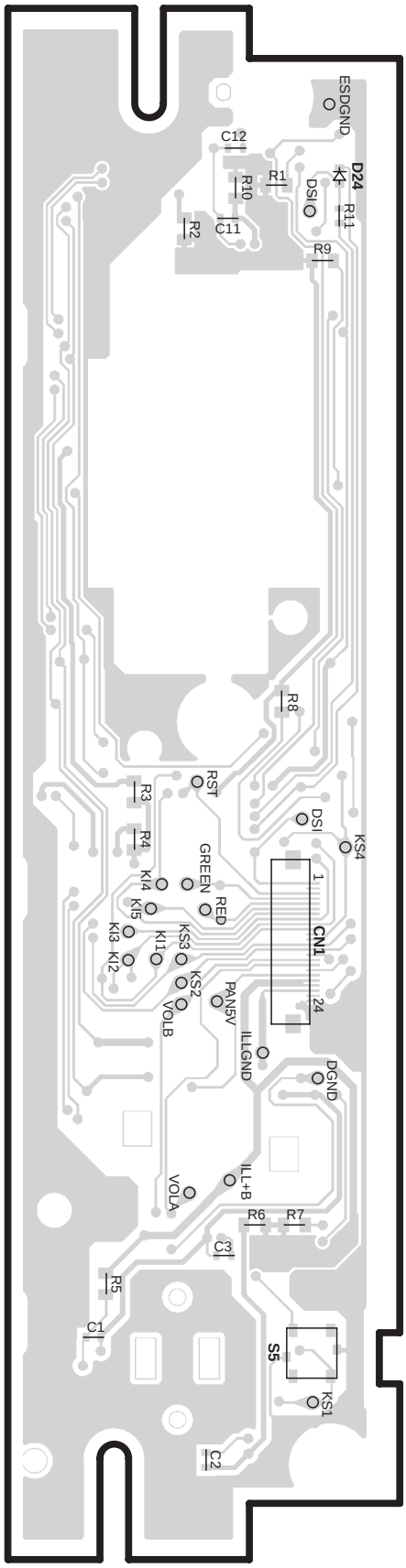
Refer to the schematic diagram for the values of resistors and capacitors.



X34-304x-xx

Ref. No.	Address	Ref. No.	Address
IC7	5U	Q28	3S
IC12	4Q	Q29	3U
IC13	6S	Q30	4U
IC14	6S	Q33	4U
Q2	3W	Q34	4W
Q6	3W	Q51	4U
Q7	3W	Q52	4U
Q10	6U	Q53	4S
Q14	3W	Q54	4S
Q23	2V	Q63	7T
Q27	3S	Q103	3Q

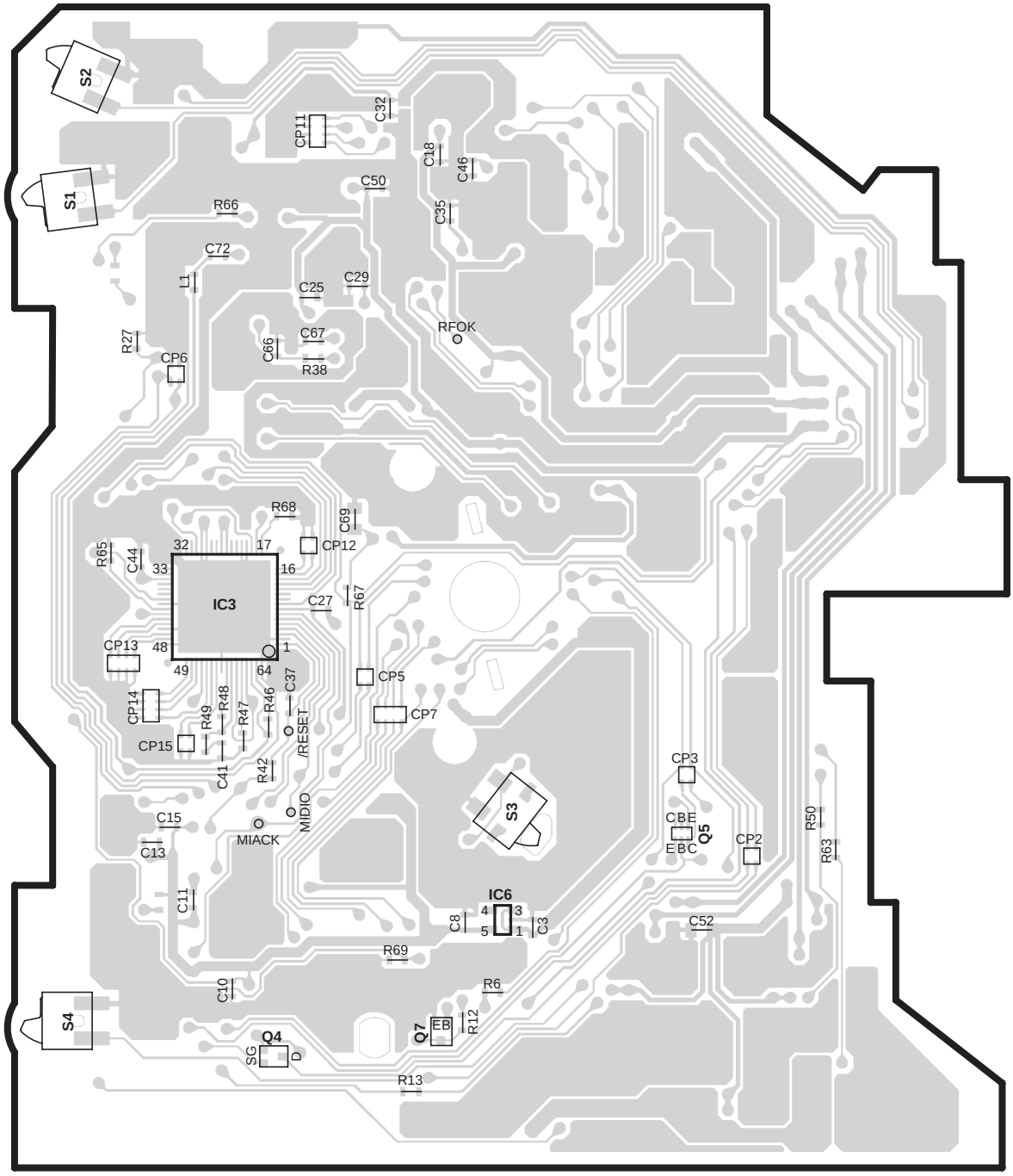
SWITCH UNIT
X16-2560-11 (J74-1590-02)



KDC-8026/MP825
KDC-MPV8025/W7027

PC BOARD (COMPONENT SIDE VIEW)

CD PLAYER UNIT X32-5540-00 (J74-1552-12)



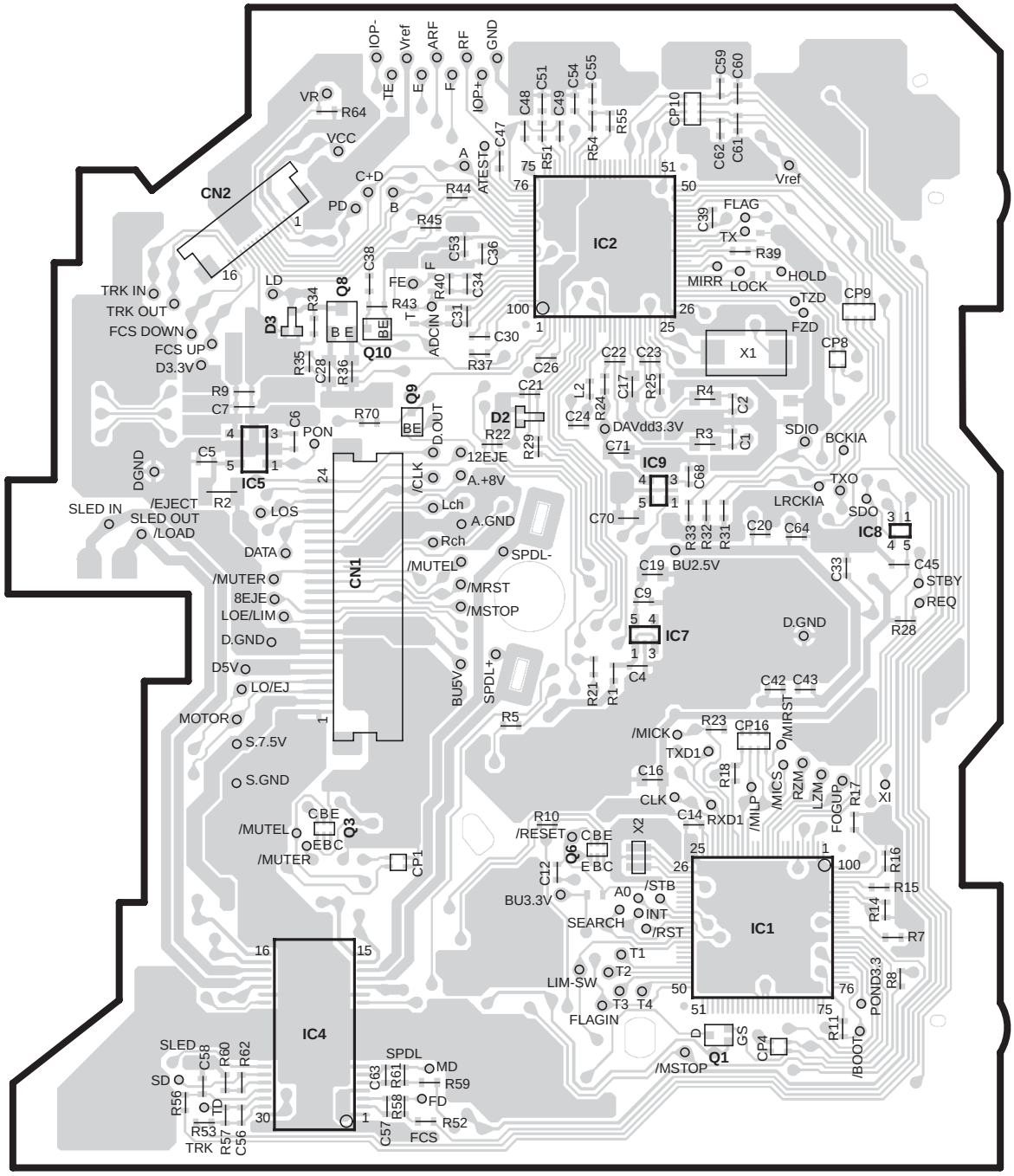
X32-5540-00

Ref. No.	Address
IC3	4AA
IC6	5AB
Q4	5AA
Q5	5AC
Q7	5AB

Refer to the schematic diagram for the values of resistors and capacitors.

PC BOARD (FOIL SIDE VIEW)

CD PLAYER UNIT X32-5540-00 (J74-1552-12)



X32-5540-00

Ref. No.	Address	Ref. No.	Address
IC1	5AH	Q1	5AH
IC2	2AG	Q3	5AF
IC4	5AF	Q6	5AG
IC5	3AF	Q8	2AF
IC7	4AG	Q9	3AF
IC8	3AH	Q10	3AF
IC9	3AG		

Refer to the schematic diagram for the values of resistors and capacitors.

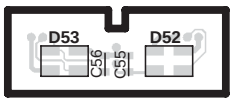
KDC-8026/MP825
KDC-MPV8025/W7027

PC BOARD

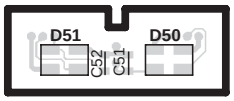
(COMPONENT SIDE VIEW)

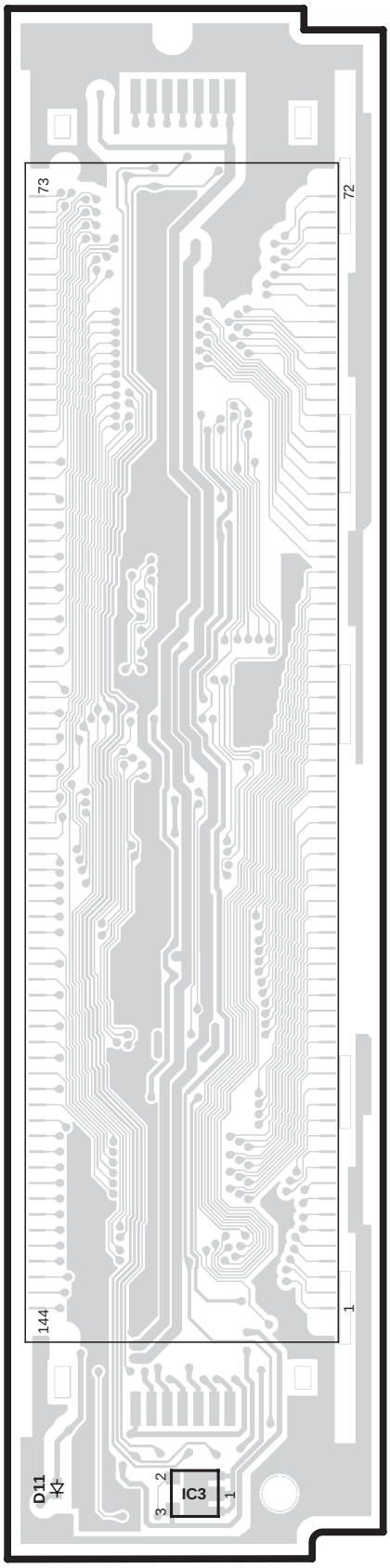
DISPLAY UNIT
X16-2550-10 A/3 (J74-1589-02)

X16 C/3



X16 B/3





X16-2550-10

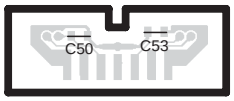
Ref. No.	Address
IC3	7AK

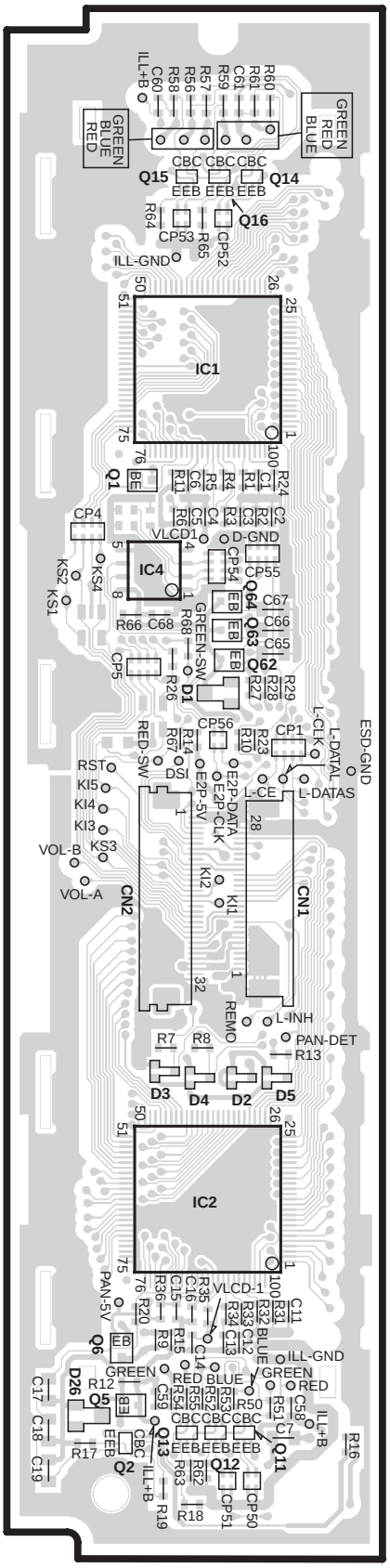
(FOIL SIDE VIEW)

DISPLAY UNIT
X16-2550-10 A/3 (J74-1589-02)

X16 C/3

X16 B/3

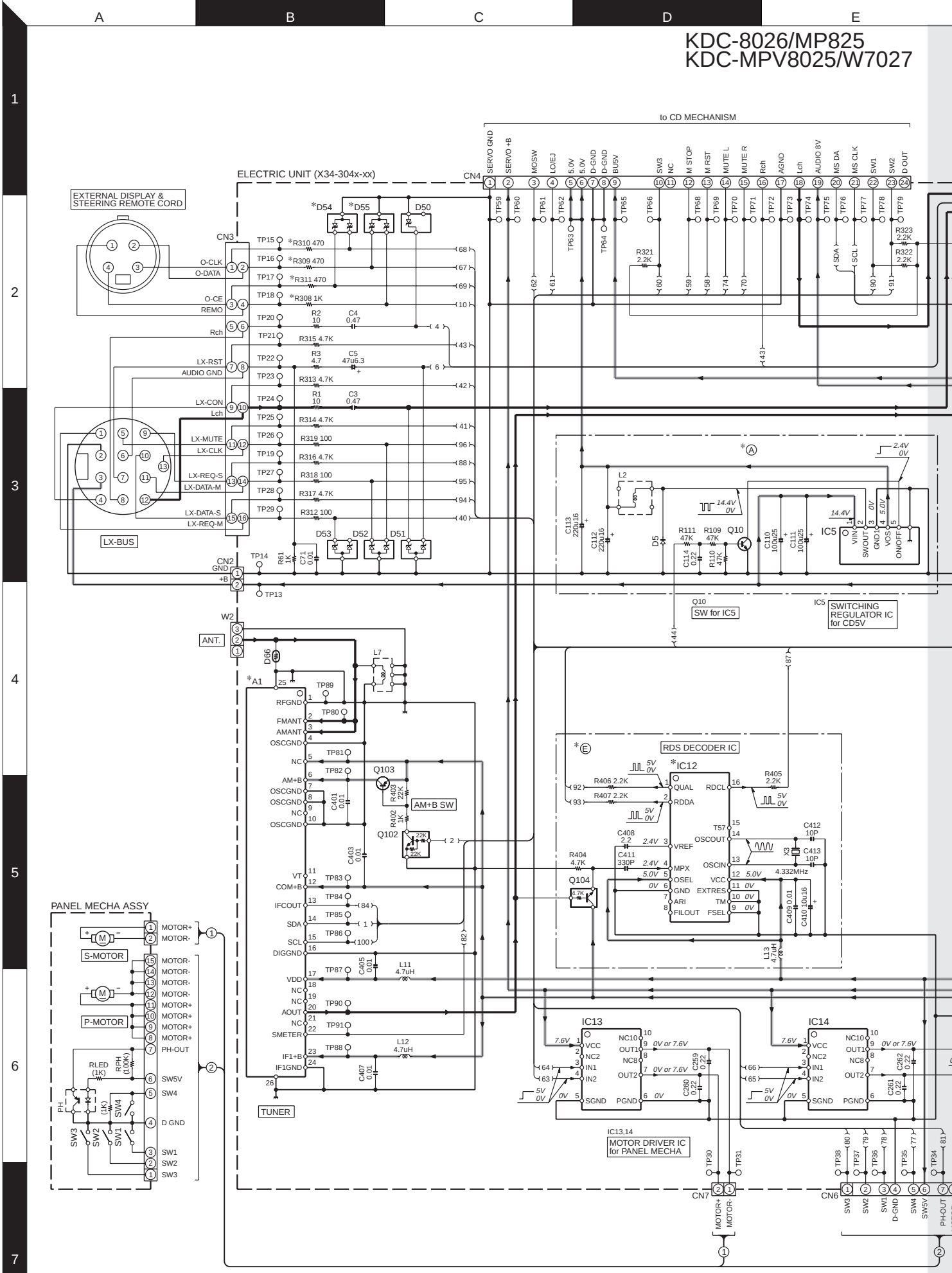




X16-2550-10

Ref. No.	Address
IC1	3AM
IC2	6AM
IC4	4AM
Q1	3AM
Q2	7AM
Q5	7AM
Q6	6AM
Q11	7AM
Q12	7AM
Q13	7AM
Q14	2AM
Q15	2AM
Q16	2AM
Q62	4AM
Q63	4AM
Q64	4AM

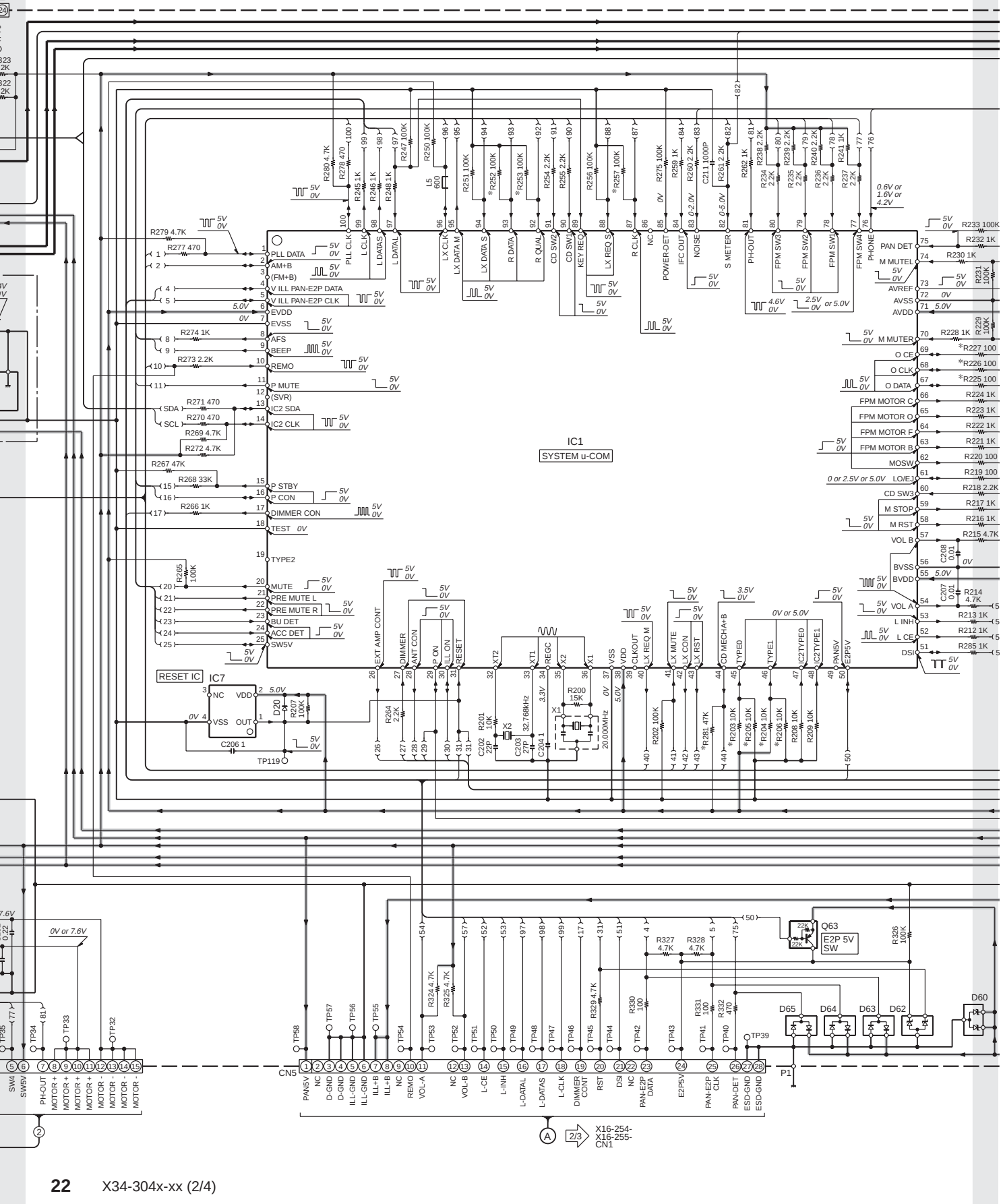
Refer to the schematic diagram for the values of resistors and capacitors.


to CD MECHANISM
ELECTRIC UNIT (X34-304x-xx)
EXTERNAL DISPLAY & STEERING REMOTE CORD
LX-BUS
PANEL MECHA ASSY
S-MOTOR
P-MOTOR
ANT.
TUNER
AM+B SW
SW for IC5
SWITCHING REGULATOR IC for CD5V
RDS DECODER IC
MOTOR DRIVER IC for PANEL MECHA

KDC-8026/MP825
KDC-MPV8025/W7027

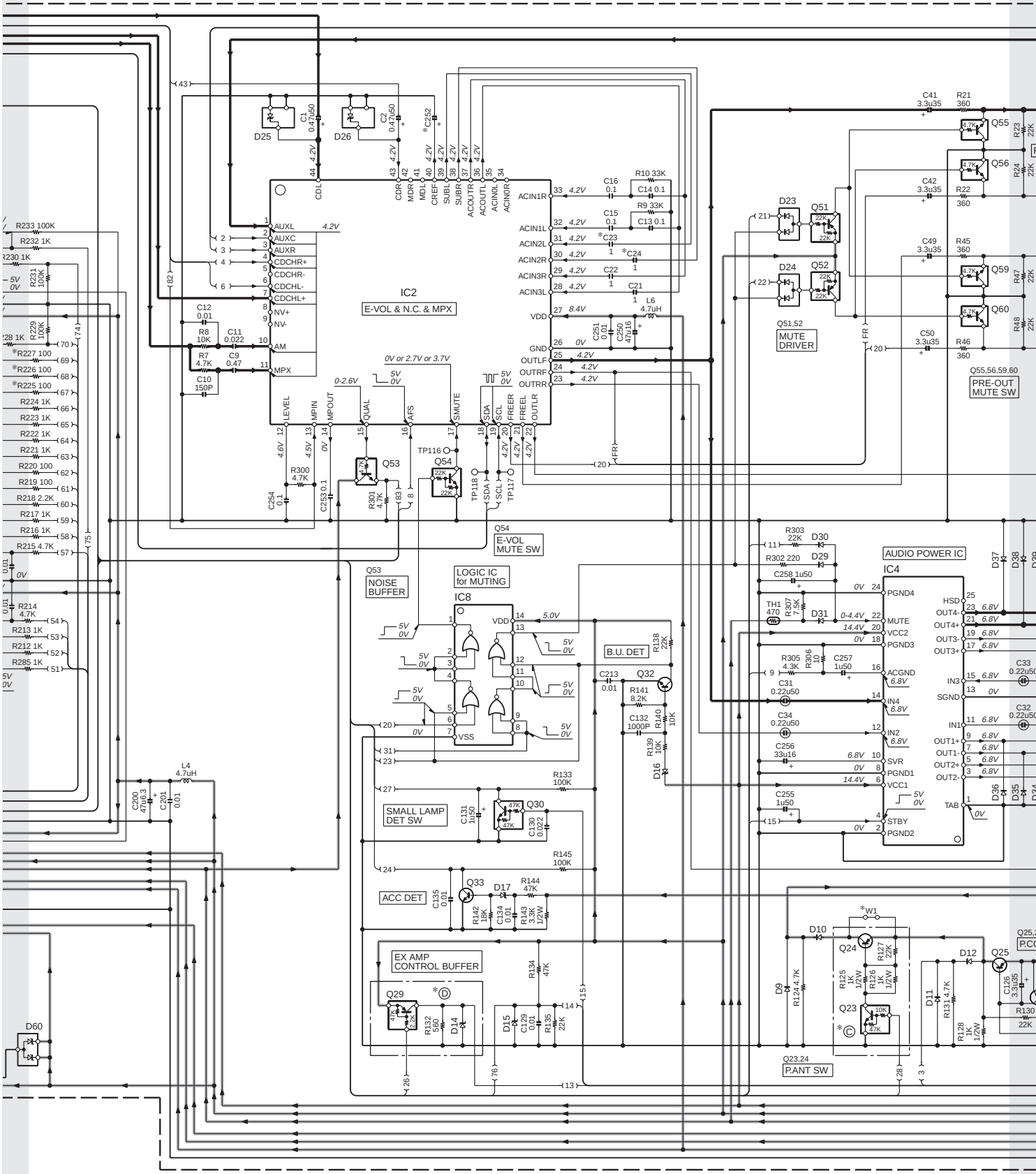
(X34-304x-xx)

MODEL NAME	UNIT No.	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	A1	C23, 24	C100	C252	D54, 55	R146	R203	R204	R205	R206	R225-227, 308-311	R252, 253,257	R281	W1
KDC-MPV8025	0-10	YES	YES	YES	NO	NO	X86-3730-11	YES	2200u50	C94-0052-05	NO	NO	YES	YES	NO	NO	YES	YES	YES	NO
KDC-W7027	2-71	YES	YES	NO	YES	YES	X86-3732-70	YES	3900u50	C94-5540-05	YES	YES	YES	NO	NO	YES	YES	NO	YES	YES
KDC-MP825	0-11	YES	NO	YES	NO	NO	X86-3730-11	NO	2200u50	C94-0052-05	NO	NO	NO	NO	YES	YES	YES	YES	YES	NO
KDC-7027/Y	2-72	NO	YES	NO	YES	YES	X86-3732-70	YES	3900u50	C94-5540-05	YES	YES	YES	YES	NO	NO	YES	NO	NO	YES
KDC-8026	0-21	YES	YES	YES	YES	NO	X86-3730-11	YES	2200u50	C94-0052-05	NO	YES	NO	YES	YES	NO	NO	YES	YES	NO



KDC-8026/MP825
KDC-MPV8025/W7027

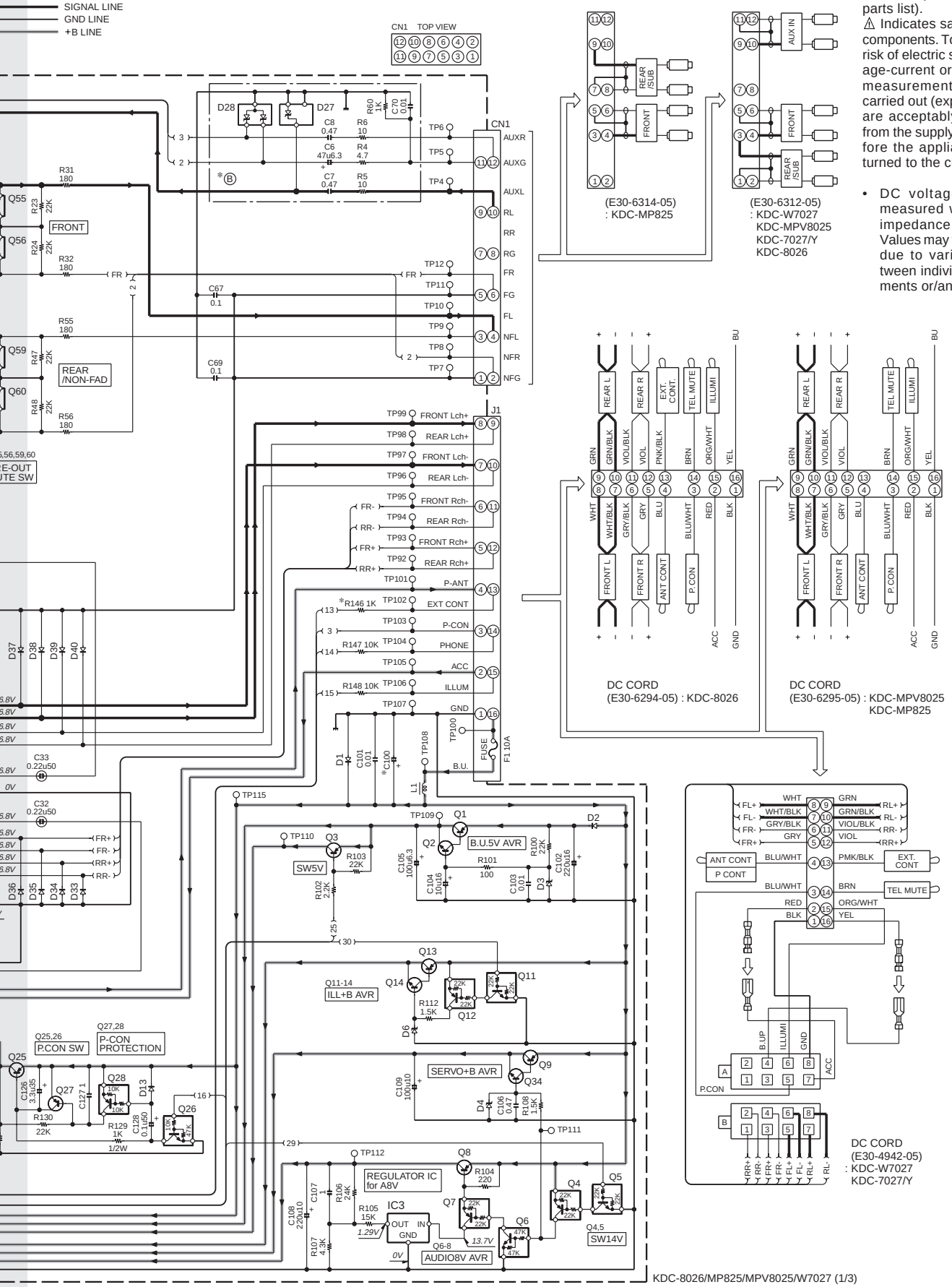
IC1	: UPD703030GC042	Q1,8,9,13	: 2SA2057	Q23,26	: DTC114YUA or UN5214	D1	: 1N5393G-M5	D14	: MA4056-M	D63-65	: DA204U
IC2	: TDA7411	Q2,10,14,32-34	: 2SC4081	Q24,25	: 2SB1240	D2	: RB160L-40	D15	: MA4047-M	D66	: IMSA-6
IC3	: M5237ML	Q3,27	: 2SA1576A	Q28	: DTA114EUA	D3	: MA4056(N)-M	D16	: MA4068(N)-M		
IC4	: TDA7560	Q4,7,12,28,51,52,63	: DTA124EUA or UN5112	Q29	: DTA123JK or KRA105S	D4	: MA4082(N)-L	D17	: MA4062(N)-M		
IC5	: SI-8050JD	Q5,11,54,102	: DTC124EUA or UN5212	Q53,55,56,59,60,104	: DTC143TUA or UN5216	D5	: SFPB-54V	D23,24	: DAP202U or MA142WA		
IC7	: S-80837CNNB	Q6,30	: DTC144EUA or UN5213	Q103	: 2SB1188(Q,R)	D6	: MA4110-L	D25-27,50	: RD6.8M(B2)		
IC8	: TC74HC02AF					D9-12,33-40	: 1SR154-400 or S1J	D28,51	: RD6.8MW		
IC12	: TDA7479D					D13,20,29-31	: 1SS133	D52-55,60,62	: MA3062WA		
IC13,14	: LB1930M										



KDC-8026/MP825
KDC-MPV8025/W7027

: DA204U
: IMSA-6801

SIGNAL LINE
GND LINE
+B LINE

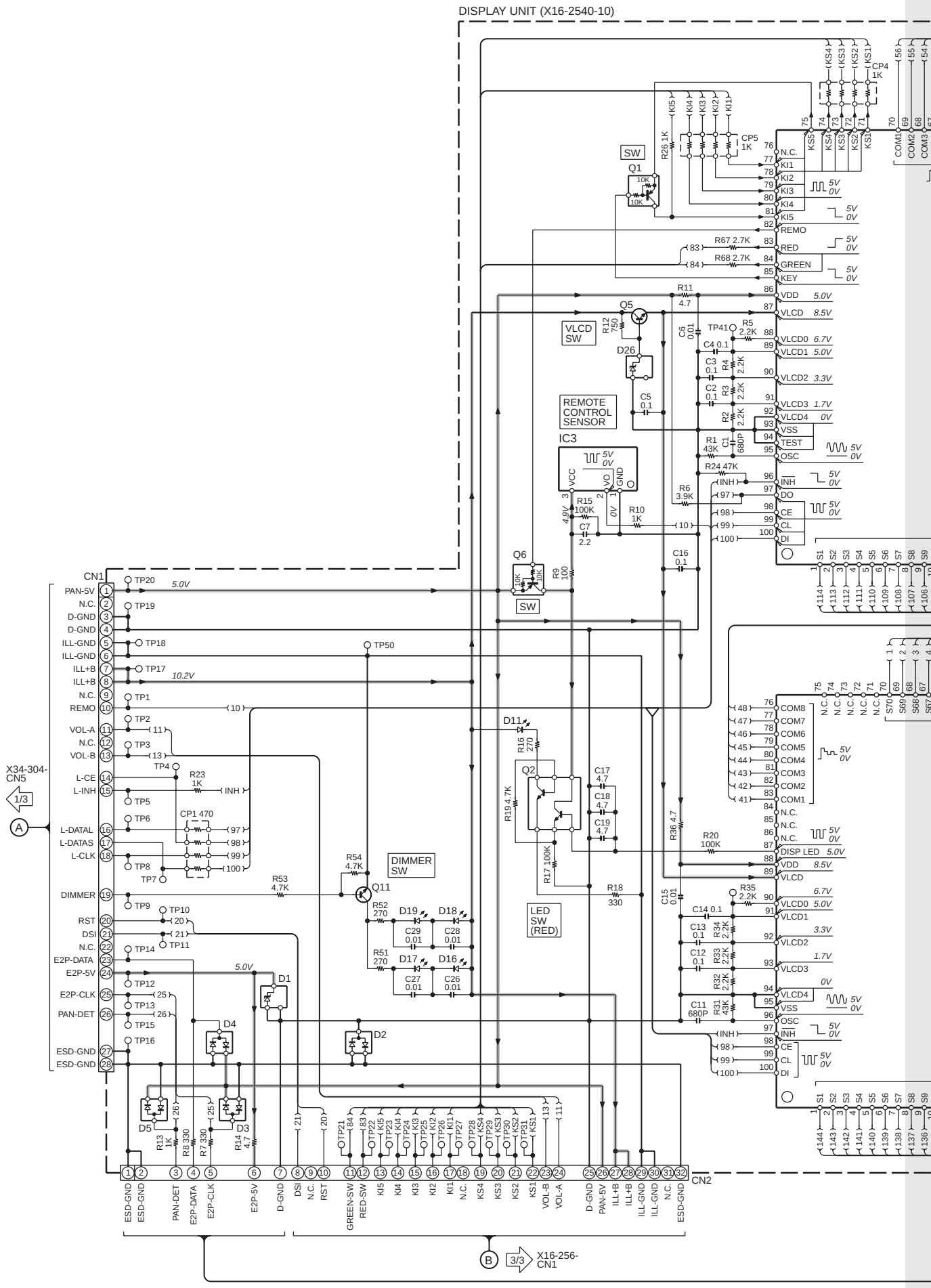


KDC-8026/MP825/MPV8025/W7027 (1/3)

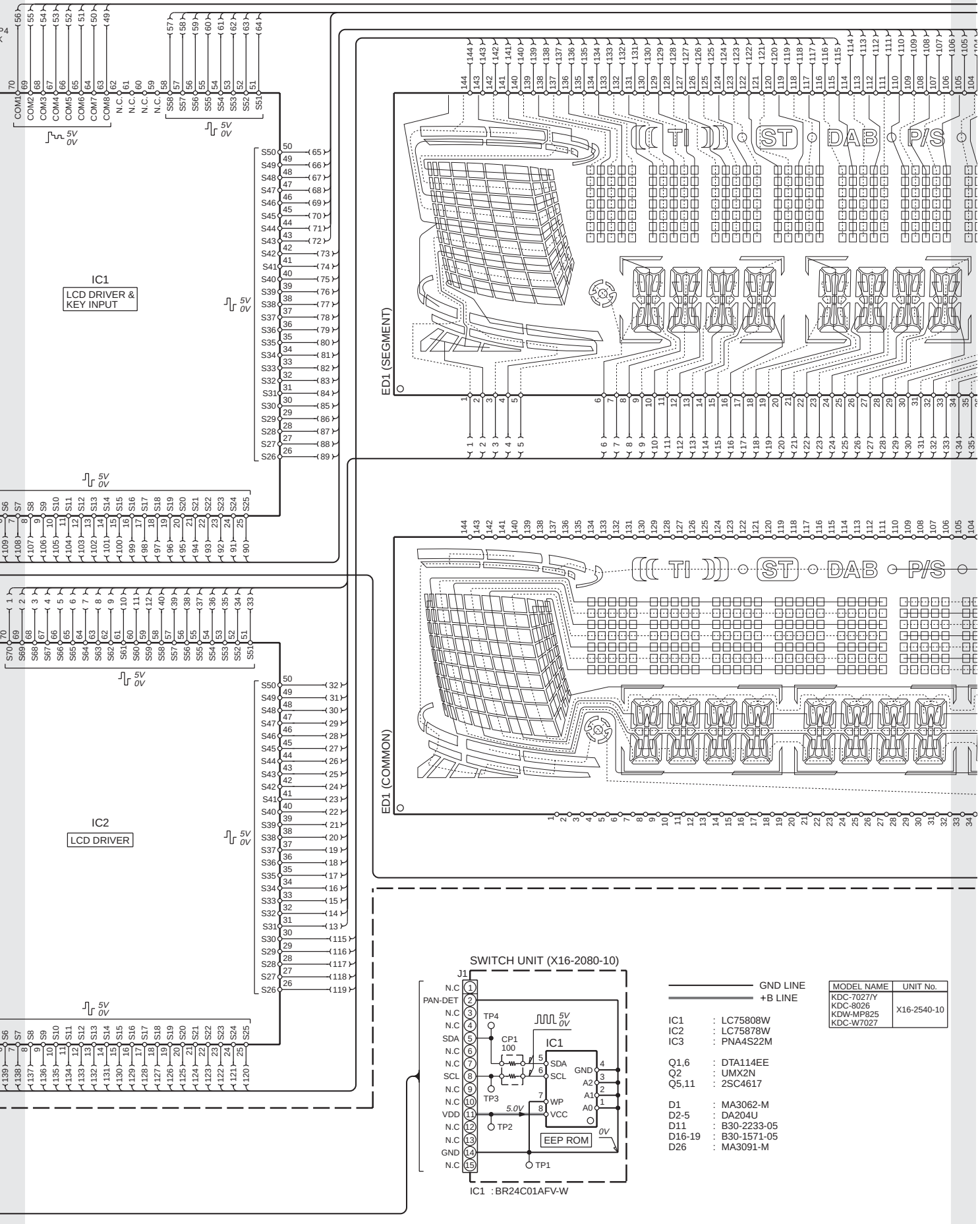
CAUTION : For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).
⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

- DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

KDC-8026/MP825
KDC-MPV8025/W7027



KDC-8026/MP825
KDC-MPV8025/W7027



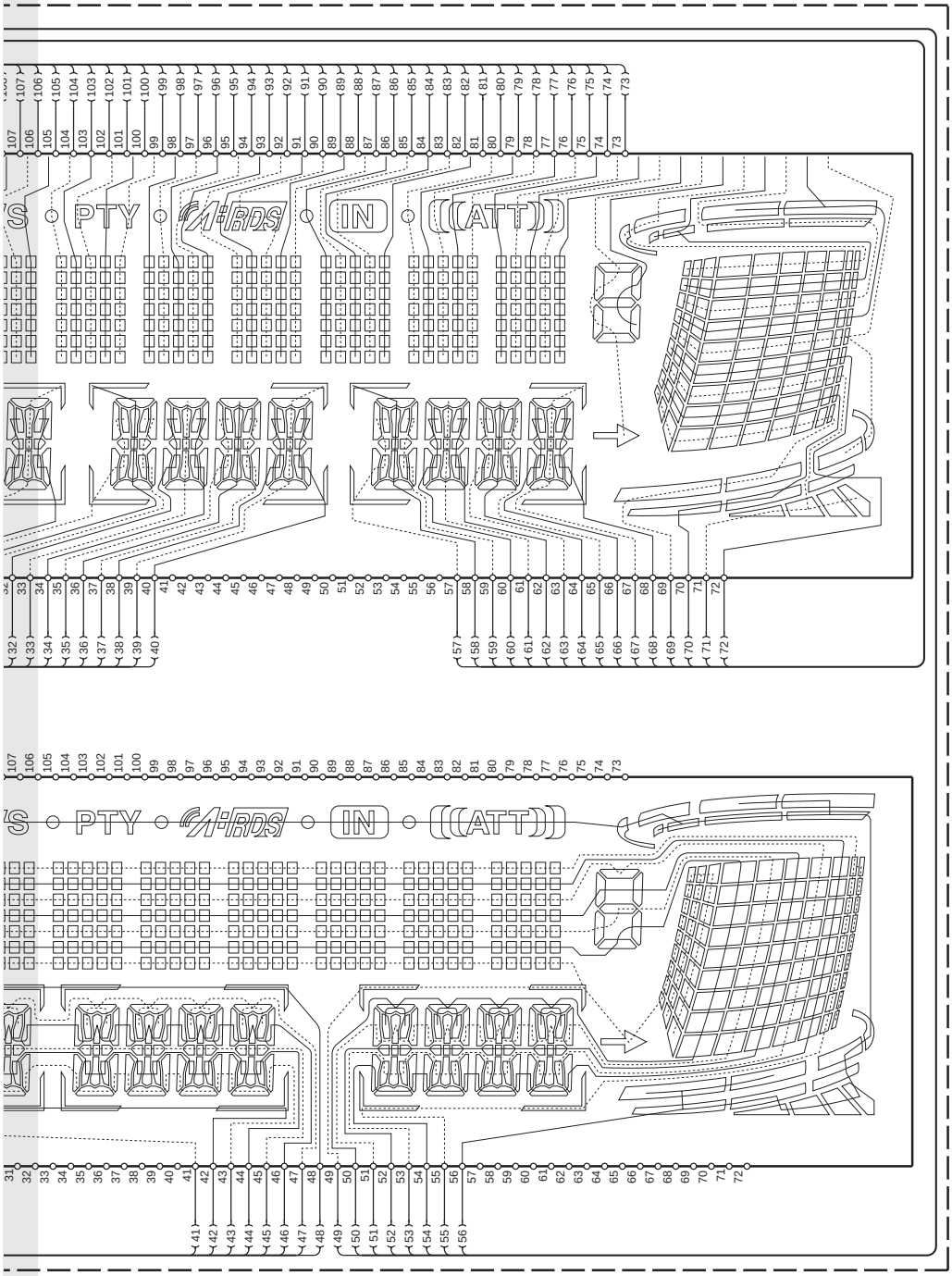
GND LINE
+B LINE

IC1 : LC75808W
IC2 : LC75878W
IC3 : PNA4S22M

Q1,6 : DTA114EE
Q2 : UMX2N
Q5,11 : 2SC4617

D1 : MA3062-M
D2-5 : DA204U
D11 : B30-2233-05
D16-19 : B30-1571-05
D26 : MA3091-M

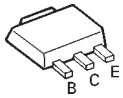
MODEL NAME	UNIT No.
KDC-7027/Y KDC-8026 KDW-MP825 KDC-W7027	X16-2540-10



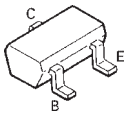
KDC-8026/MP825/W7027 (2/3)

DTA114EE
DTA123JK
DTC114YUA
DTC143TUA
UN5111
UN5114
UN5213
UN5214
UN5216
2SA1576A
2SC4617
2SD2114K

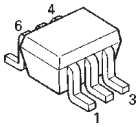
2SB1188



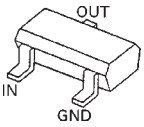
2SC4081



UMX2N



DTA114EUA
DTA124EUA
DTC124EUA
DTC144EUA



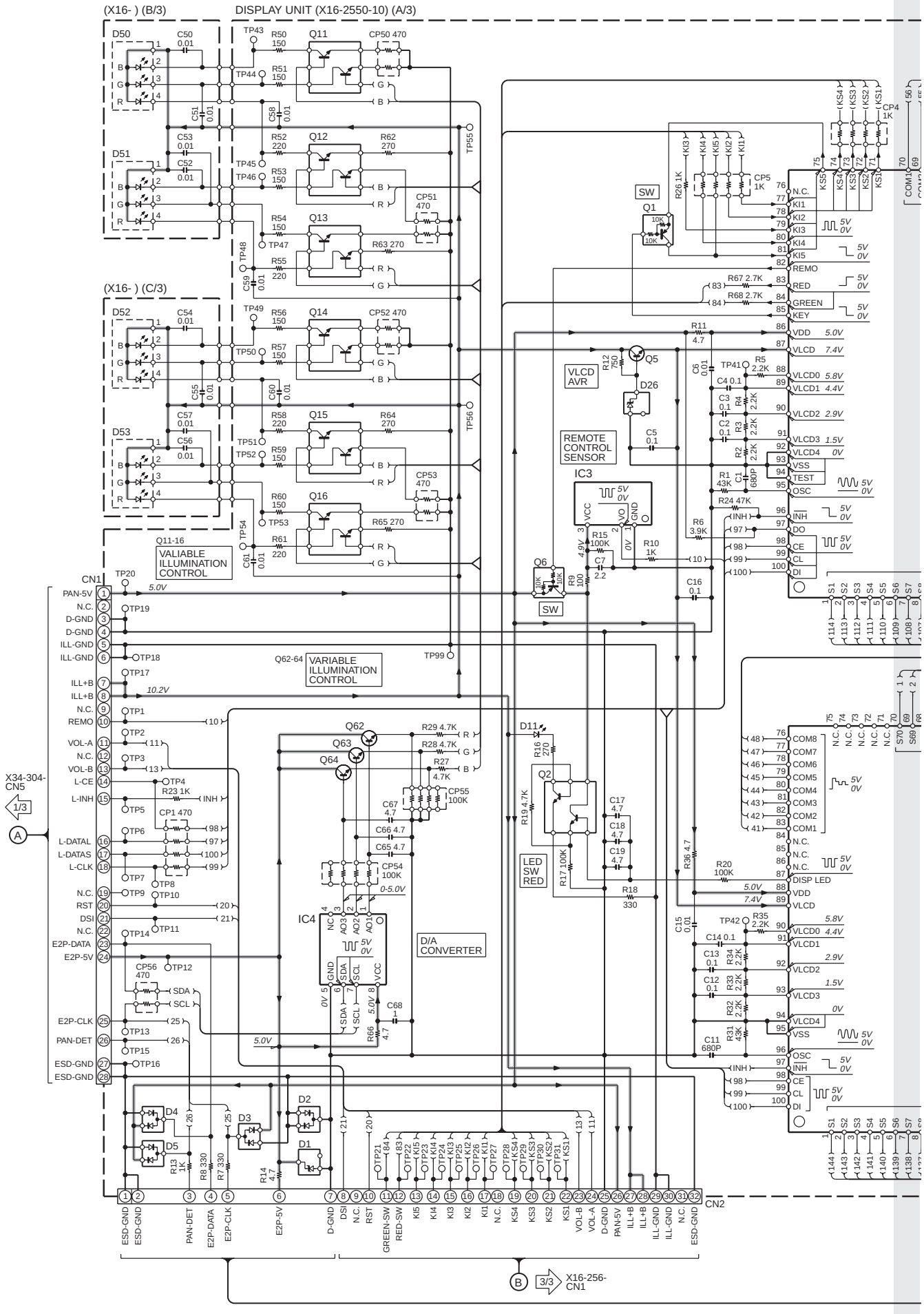
DAN202U

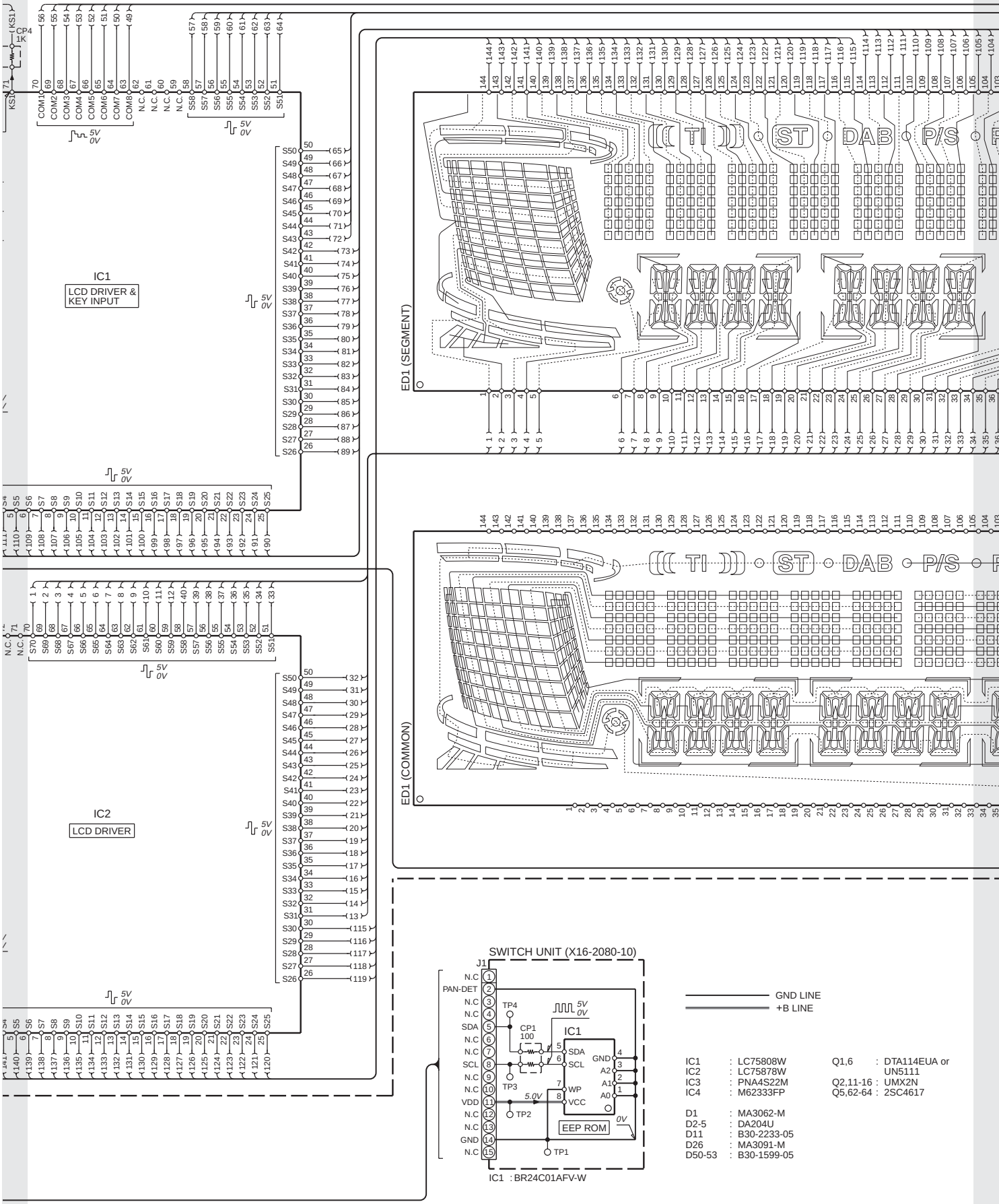
DAP202U
DA204U
DTA114YUA

CAUTION : For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).
⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

- DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

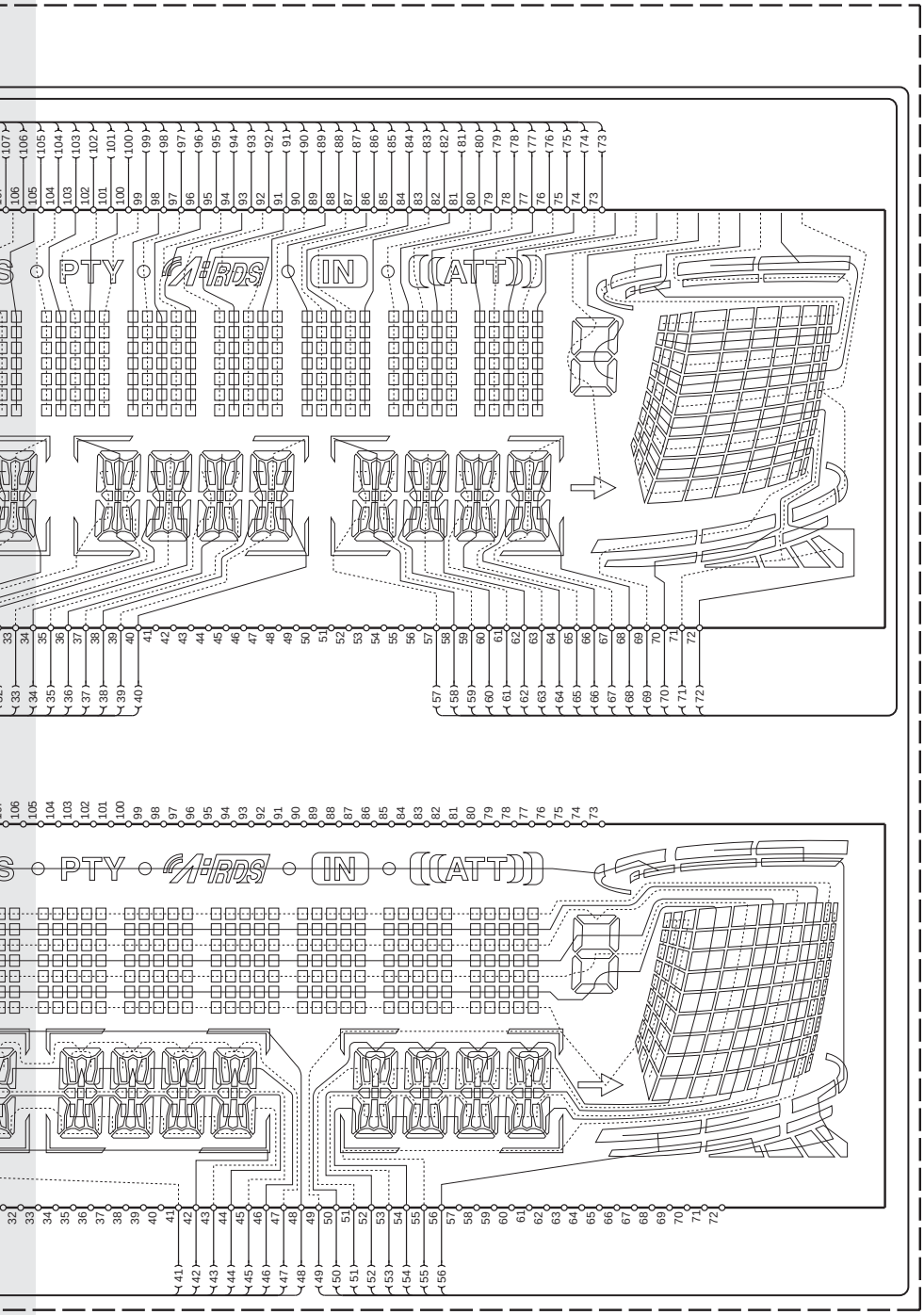
KDC-8026/MP825
KDC-MPV8025/W7027





IC1	: LC75808W		Q1,6	:	DTA114EUA or UN5111
IC2	: LC75878W		Q2,11-16	:	UMX2N
IC3	: PNA4S22M		Q5,62-64	:	2SC4617
IC4	: M62333FP				
D1	: MA3062-M				
D2-5	: DA204U				
D11	: B30-2233-05				
D26	: MA3091-M				
D50-53	: B30-1599-05				

KDC-8026/MP825
KDC-MPV8025/W7027

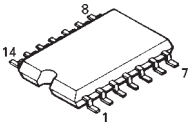


KDC-MPV8025 (2/3)

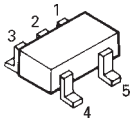
MA142WA
UN5212

RD6.8M

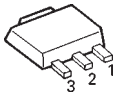
TC74HC02AF



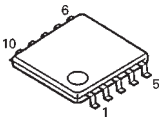
TC7SH08FU



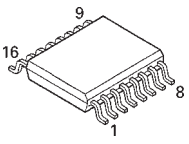
M5237ML



LB1930M

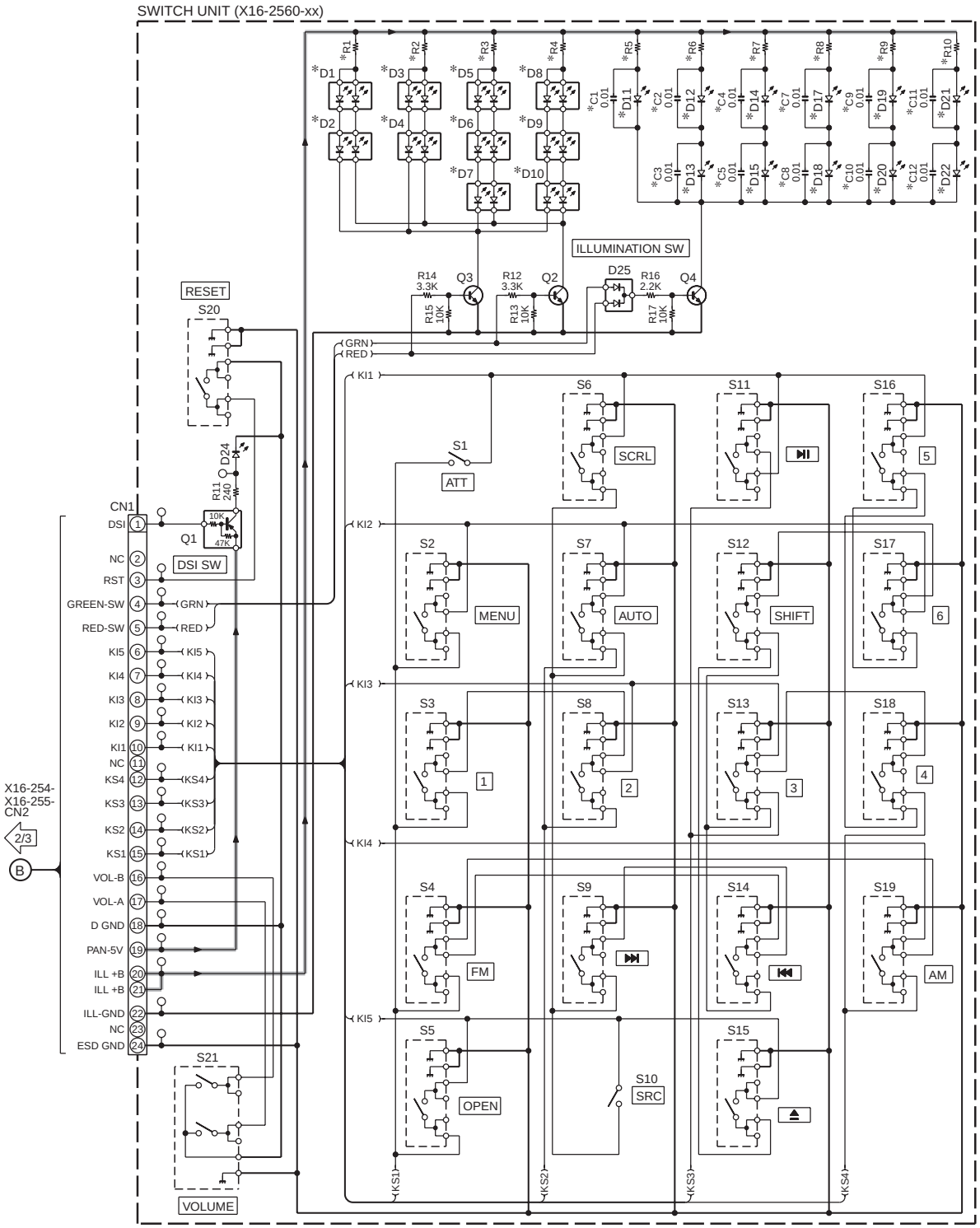


TDA7479D



CAUTION : For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).
⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

- DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.



(X16-256x-xx)

MODEL NAME	UNIT No.	C1-5, 7-12	D1-10	D11-15, 17-22	R1,2	R3,4	R5	R6-10
KDC-X979/X879 KDC-9026R KDC-PSW9527 KDC-W9027 KDC-W8027 KDC-MP925	0-10	YES	SR/PG	BLUE	470	300	470	180
KDC-MPV8025 KDC-MP825 KDC-8026 KDC-W7027 KDC-7027/Y	0-11	NO	SR/PG	RED	560	390	750	560
FX-9100	0-01	YES	HR/YG	BLUE	470	330	470	180

KDC-8026/MP825/MPV8025/W7027 (3/3)

Q1 : DTA114YUA
Q2-4 : 2SD2114K

D24 : B30-1566-05
D25 : DAN222

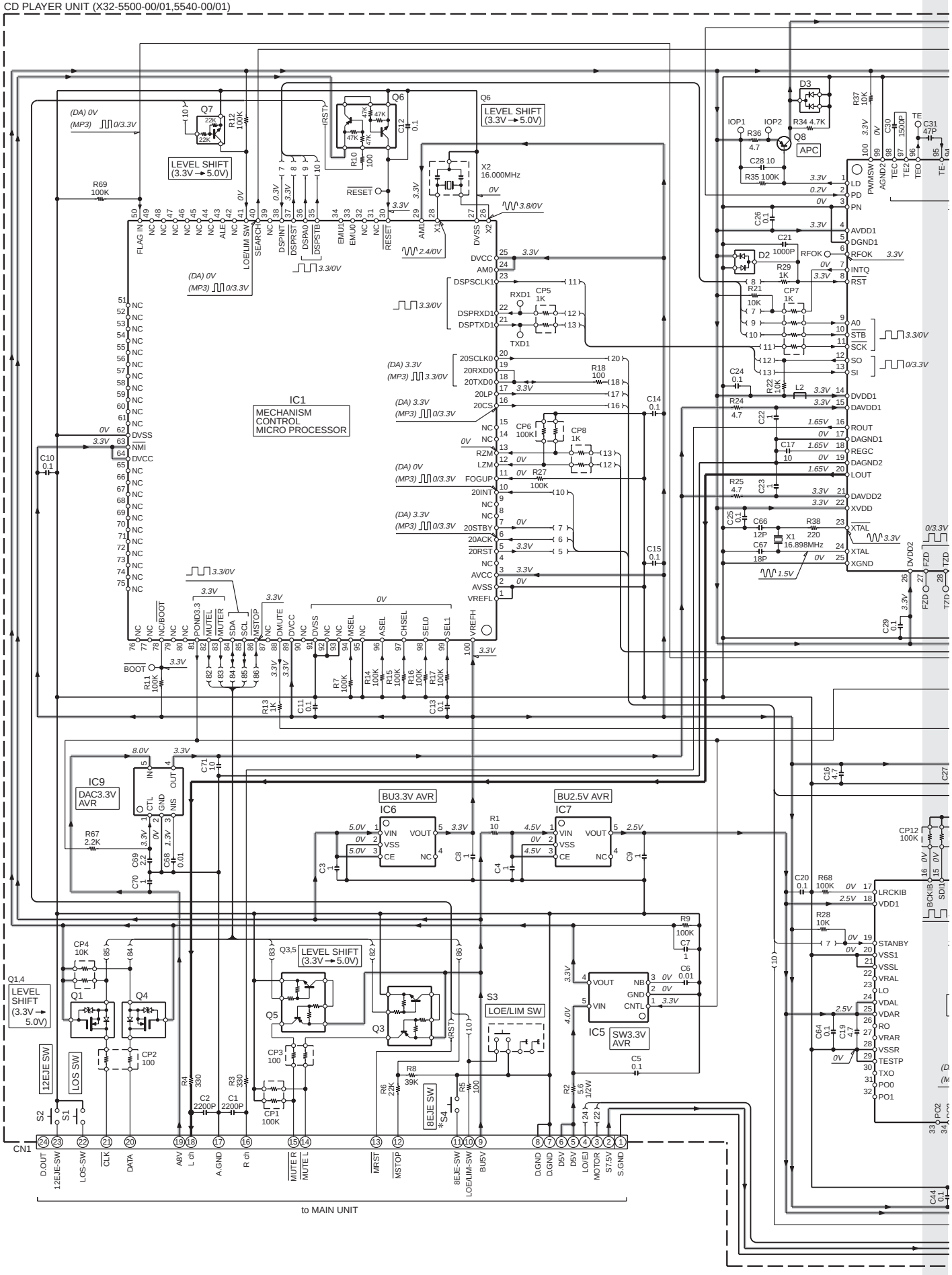
GND LINE
+B LINE

CAUTION : For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).
⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

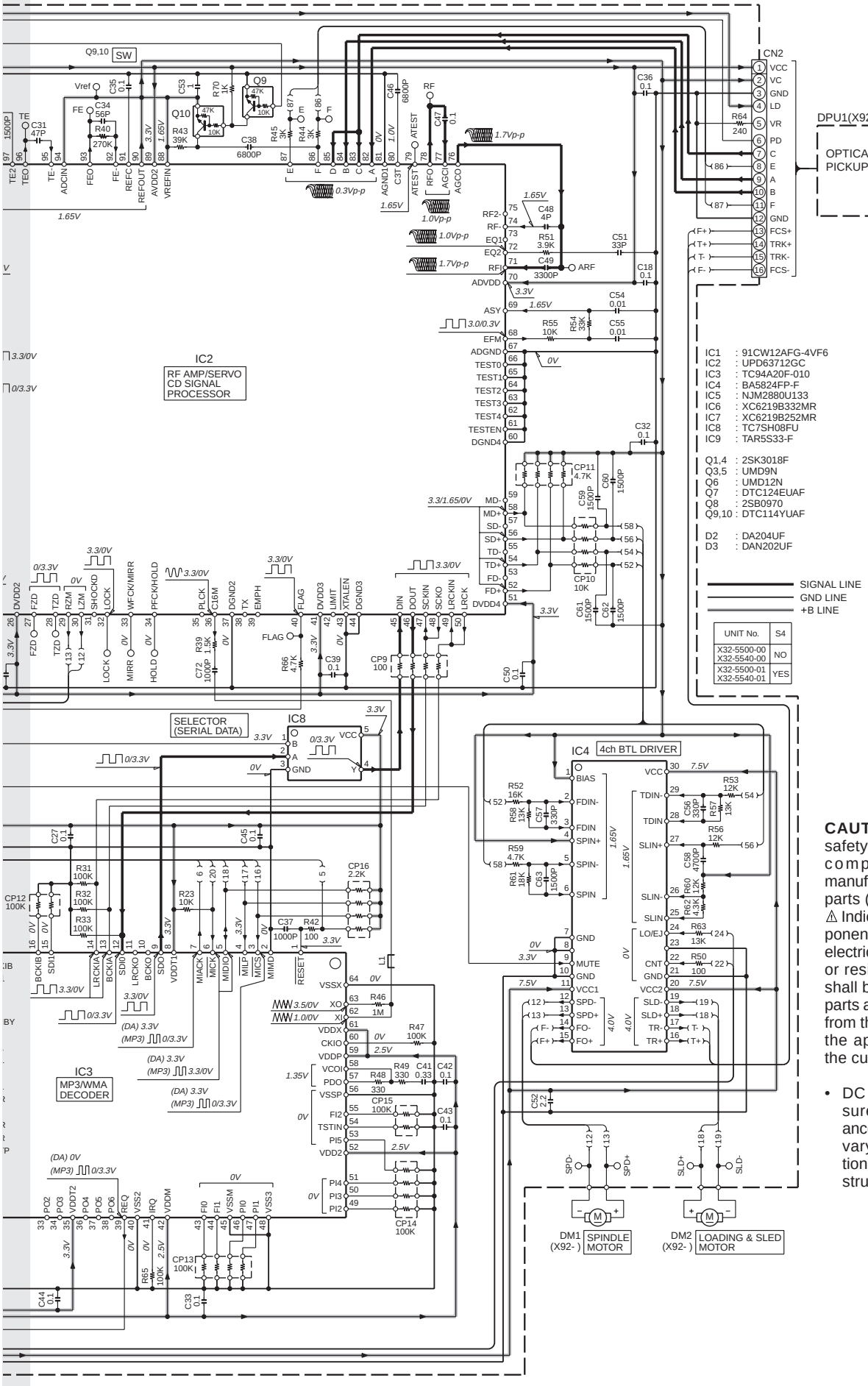
- DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/ and units.

KDC-8026/MP825
KDC-MPV8025/W7027

CD PLAYER UNIT (X32-5500-00/01,5540-00/01)



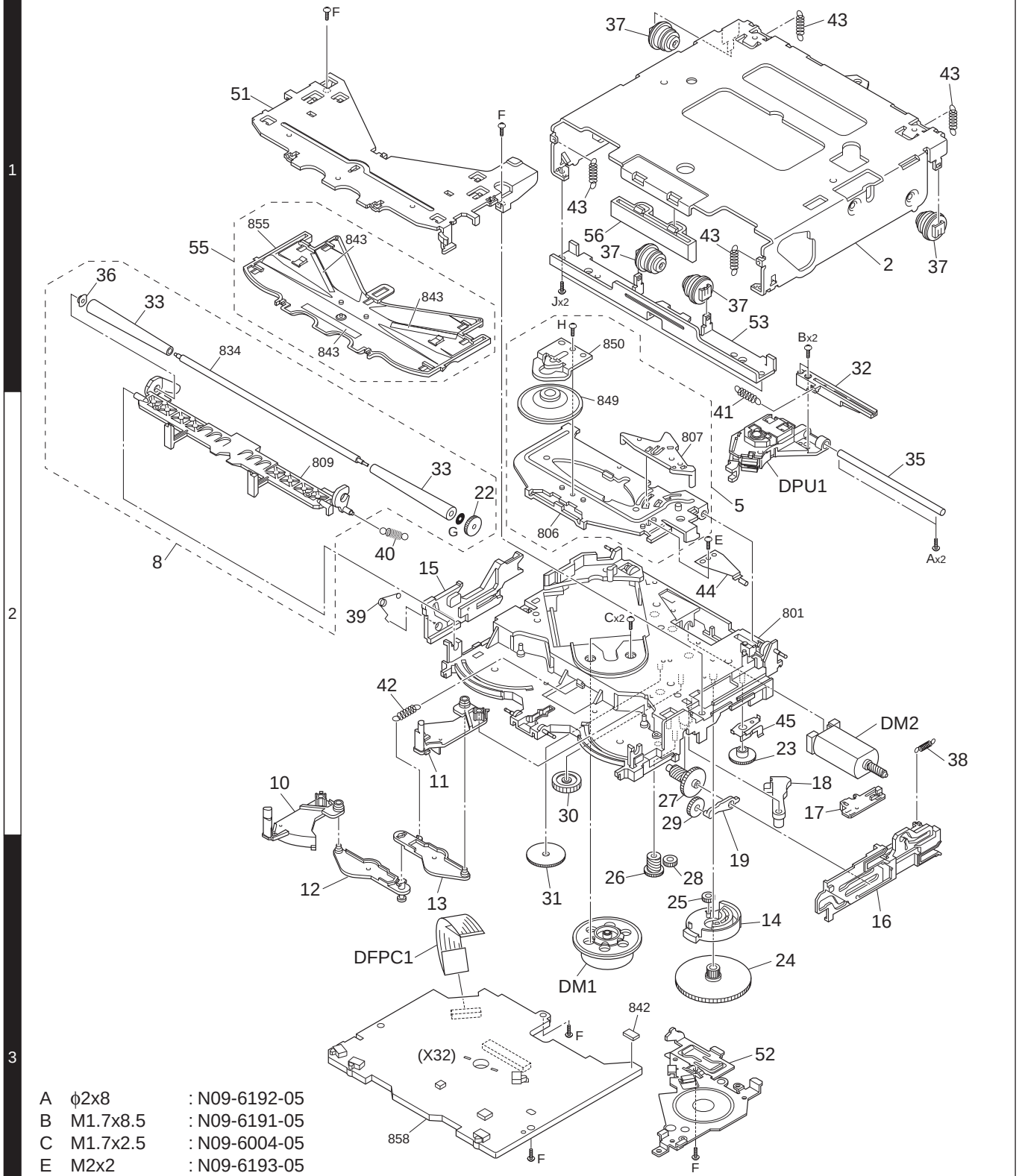
KDC-8026/MP825
KDC-MPV8025/W7027



CAUTION : For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).
⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

- DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

EXPLODED VIEW (MECHANISM)



A	ϕ2x8	: N09-6192-05
B	M1.7x8.5	: N09-6191-05
C	M1.7x2.5	: N09-6004-05
E	M2x2	: N09-6193-05
F	ϕ2x6(BLK)	: N09-6194-05
G	1.6 WASHER	: N19-2163-04
H	M2x2	: N39-2020-46
J	ϕ2x3.5	: N09-6196-05

*** CD MECHANISM OPERATION DESCRIPTION is not in this sevice manual. Please refer to service manual for X92-4450-0x (B51-7889-00).**

Parts with the exploded numbers larger than 700 are not supplied.

EXPLODED VIEW (UNIT)

A	M2x1.9	N09-4448-05	P	FLAT WASHER	: N19-2176-04
B		N09-6073-05	Q	RETAINIING RING	: N24-3015-60
C	M2x2	N09-6087-15	R	M2x2.5	: N38-2025-46
D		N09-6088-05	S	M2.6x5(BLK)	: N38-2650-45
E	M2x3(BLK)	N09-6089-15	T	M3x5	: N67-3005-46
F	ϕ2x5	N09-6093-05	U	ϕ3x5	: N83-3005-46
G	ϕ2x5(BLK)	N09-6094-05	V	ϕ3x8	: N83-3008-46
J	M2x3(BLK)	N09-6096-05	W	ϕ2x4(BLK)	: N86-2004-45
K	M2x2	N09-6097-05	X	ϕ3x8	: N80-3008-46
M	ϕ2x5(BLK)	N09-6105-05	Y	ϕ3x10	: N83-3010-46
N	FLAT WASHER	N19-2175-04	Z	ϕ2x4	: N84-2004-46

※Depends on the model. Refer to the parts list.

PARTS LIST

✻ New parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnes dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

Ref. No.	Add	New	Parts No.	Description	Destination
KDC-8026, KDC-MP825, KDC-MPV8025, KDC-W7027					
201	1C		A02-2731-13	PLASTIC CABINET ASSY	
204	3C		A22-2988-03	SUB PANEL ASSY	
206	1D		A52-0831-02	TOP PLATE	
PA1	1D	✻	A64-3228-01	PANEL ASSY	K3
PA1	1D	✻	A64-3229-01	PANEL ASSY	K4
PA1	1D	✻	A64-3231-01	PANEL ASSY	M1
PA1	1D	✻	A64-3233-01	PANEL ASSY	E2
PA2	1C	✻	A64-3250-02	PANEL ASSY	K3K4M1
PA2	1C	✻	A64-3253-02	PANEL ASSY	E2
PME1	2C	✻	A10-5123-01	CHASSIS ASSY	
RM1	1C		A70-2040-05	REMOTE CONTROLLER ASSY (RC-505)	K3K4M1
-			B46-0100-50	WARRANTY CARD	
-			B46-0606-04	ID CARD	K3K4
-			B46-0612-14	ID CARD	M1E2
-		✻	B64-2743-00	INST. MANUAL (ENGLISH)	K3K4
-		✻	B64-2744-00	INST. MANUAL (FRE, SPA)	K3K4
-		✻	B64-2745-00	INST. MANUAL (ENG, T-CHI)	M1
-		✻	B64-2750-00	INST. MANUAL (ENGLISH)	E2
-		✻	B64-2751-00	INST. MANUAL (FRE, GER)	E2
-		✻	B64-2752-00	INST. MANUAL (DUT, ITA)	E2
-		✻	B64-2753-00	INST. MANUAL (SPA, POR)	E2
208	3C		B03-5015-03	DRESSING PLATE ASSY	
210	1C		B07-3078-01	ESCUTCHEON	
212	3C		B07-3080-02	ESCUTCHEON	
213	1D	✻	B10-4515-01	FRONT GLASS	K3
213	1D	✻	B10-4516-01	FRONT GLASS	K4
213	1D	✻	B10-4518-01	FRONT GLASS	M1
213	1D	✻	B10-4520-01	FRONT GLASS	E2
214	1C	✻	B12-1227-04	INDICATOR	
216	1C	✻	B19-2248-04	LIGHTING BOARD	
219	1C		B43-1505-04	KENWOOD BADGE	
220	1C		D10-4674-04	LEVER	
222	2C		D10-4716-04	ARM ASSY	
223	3C		D10-4718-04	ARM ASSY	
224	3D		D10-4721-21	SLIDER ASSY	
225	2C		D10-4749-03	LEVER	
226	3D		D10-4750-04	LEVER	
227	3D		D12-0637-03	CAM	
228	2D		D13-2270-04	GEAR	
229	3D		D13-2272-04	GEAR	
230	3C		D13-2273-34	GEAR	
232	3C		D13-2274-24	GEAR	
233	3D		D13-2276-04	GEAR	
234	3D		D13-2277-04	GEAR	
235	3D		D13-2278-04	GEAR	
236	3D		D13-2289-03	RACK (GEAR)	
237	3C		D13-2290-04	GEAR ASSY	
238	3C		D16-0617-15	BELT	
239	3C		D23-0958-04	RETAINER	
242	2D	✻	E30-6312-05	CORD WITH PINPLUG (2PRE+1AUX)	K3M1E2
242	1D	✻	E30-6314-05	CORD WITH PINPLUG (2PRE)	K4
243	2D		E30-6216-05	CORD WITH DIN CONNECTOR	K3K4M1
243	2D		E30-6217-05	CORD WITH DIN CONNECTOR (&REM.)	E2
245	3D		E41-0351-05	FLAT CABLE CONNECTOR	
⚠ DC1	1C		E30-6294-05	DC CORD	M1
⚠ DC1	1C		E30-6295-05	DC CORD	K3K4
⚠ DC2	1C		E30-4942-05	DC CORD	E2
FC1	2D		E39-0565-05	FLAT CABLE	
249	2C		F07-1121-03	COVER	
250	3C		F07-1122-03	COVER	
251	3C		F07-1123-03	COVER	
252	2C		F09-1794-04	SHEET	
253	3C		F09-1798-04	SHEET	
256	2D		F09-1842-04	SHEET	
262	2D		F29-0626-04	INSULATING COVER	
⚠ F1	2D		F52-0023-05	FUSE (MINI BLADE TYPE : 10A)	
264	2C	✻	G01-3162-04	EXTENSION SPRING	
265	2C	✻	G01-3221-04	EXTENSION SPRING	
266	3C		G01-3189-04	TORSION COIL SPRING	
267	3D		G01-3199-04	TORSION COIL SPRING	
270	2C		G11-3539-04	CUSHION	
272	3D		G11-3559-04	CUSHION	
273	1C		G11-3574-04	CUSHION (KEY)	
-		✻	H10-4854-22	POLYSTYRENE FOAMED FIXTURE	
-			H21-1151-04	PROTECTION SHEET	
-			H25-0329-04	PROTECTION BAG (280X450X0.03)	K3K4M1
-			H25-0337-04	PROTECTION BAG (180X300X0.03)	
-			H25-1111-04	PROTECTION BAG (280X450X0.03)	E2
-		✻	H54-3031-03	ITEM CARTON CASE	K3
-		✻	H54-3032-03	ITEM CARTON CASE	K4
-		✻	H54-3034-03	ITEM CARTON CASE	M1
-		✻	H54-3036-03	ITEM CARTON CASE	E2
277	3C		J19-5220-03	HOLDER	
278	1C		J21-9823-03	MOUNTING HARDWARE ASSY	
279	3D		J21-9951-03	MOUNTING HARDWARE ASSY	
280	3D		J21-9954-02	MOUNTING HARDWARE ASSY	
281	2C	✻	J21-9996-32	MOUNTING HARDWARE ASSY	
283	3D		J21-9997-03	MOUNTING HARDWARE ASSY	
284	2C		J21-9999-02	MOUNTING HARDWARE ASSY	
285	3C		J31-1055-04	COLLAR	
286	3C		J31-1056-04	COLLAR	
287	3D		J74-1444-14	RIGID PRINTED WIRING BOARD	
FPC1	2D		J84-0153-05	FLEXIBLE PRINTED WIRING BOARD	
FPC2	3D		J84-0156-04	FLEXIBLE PRINTED WIRING BOARD	
293	2C		K24-4007-04	KNOB (OPEN)	
294	1C	✻	K24-4106-03	KNOB (ATT)	
295	1C	✻	K24-4167-03	KNOB (SRC)	
296	1C	✻	K25-1605-02	KNOB (PRESET1-6)	
297	2C	✻	K25-1607-03	KNOB (EJECT)	
298	1C	✻	K25-1609-03	KNOB (Q,PLAY)	
299	2C	✻	K25-1612-02	KNOB (FM/AM,SKIP)	
300	1C	✻	K29-7082-03	KNOB ASSY (VOL.)	
302	1C		N99-1723-05	SCREW SET	K3K4M1
303	1C		N99-1734-05	SCREW SET	

K3 : KDC-MPV8025 **K4** : KDC-MP825 **E2** : KDC-W7027 **M1** : KDC-8026

⚠ Indicates safety critical components.

PARTS LIST

✻ New parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnes dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

KDC-8026, KDC-MP825, KDC-MPV8025, KDC-W7027

Ref. No.	Add	New	Parts No.	Description	Destination
A	3D		N09-4448-05	MACHINE SCREW	
B	3C		N09-6073-05	STEPPED SCREW	
C	3D	✻	N09-6087-15	MACHINE SCREW	
D	3C		N09-6088-05	STEPPED SCREW	
E	3D	✻	N09-6089-15	MACHINE SCREW	
F	2C		N09-6093-05	TAPTITE SCREW	
G	2C		N09-6094-05	MACHINE SCREW	
J	2C		N09-6096-05	MACHINE SCREW	
K	3C		N09-6097-05	MACHINE SCREW	
M	2C		N09-6105-05	STEPPED SCREW	
N	2C		N19-2175-04	FLAT WASHER	
P	3D		N19-2176-04	FLAT WASHER	
Q	2C		N24-3015-60	E TYPE RETAINING RING	
R	3C		N38-2025-46	PAN HEAD MACHIN SCREW	
S	3D		N38-2650-45	PAN HEAD MACHIN SCREW	
T	2D		N67-3005-46	PAN HEAD SEMS SCREW	
U	2D		N83-3005-46	PAN HEAD TAPTITE SCREW	
V	2D		N83-3008-46	PAN HEAD TAPTITE SCREW	
W	3C		N86-2004-45	BINDING HEAD TAPTITE SCREW	
RLED			RK73GB2A102J	CHIP R 1.0K J 1/10W	
RPH			RK73GB2A104J	CHIP R 100K J 1/10W	
SW1			S68-0871-05	PUSH SWITCH (PANEL MECHA)	
SW2-3			S68-0863-05	PUSH SWITCH (PANEL MECHA)	
SW4			S68-0864-05	PUSH SWITCH (PANEL MECHA)	
306	1C		T90-0552-05	ANTENNA ADAPTOR	E2
PH			T95-0212-05	OPTO ISOLATOR (PANEL MECHA)	
PM1	3D		T42-1076-14	MOTOR ASSY	
PM2	3D	✻	T42-1077-24	MOTOR ASSY	
DME1	2D	✻	X92-4900-00	MECHANISM ASSY (DXM-6540V)	
SUB CIRCUIT UNIT (X16-2080-10)					
J1			E59-0833-15	RECTANGULAR PLUG	
CP1			R90-1019-05	MULTI-COMP 100 X2	
IC1			BR24C01AFV-W	MEMORY IC	
SUB CIRCUIT UNIT (X16-2210-10)					
315	3C		E58-0968-05	RECTANGULAR RECEPTACLE	
FPC3	2C		J84-0154-05	FLEXIBLE PRINTED WIRING BOARD	
DISPLAY UNIT (X16-2540-10)					
310	2C		B11-1405-04	REFLECTION SHEET	K4M1E2
311	2C		B11-1406-04	OPTICAL DIFFUSER	K4M1E2
312	2C		B19-2204-02	LIGHTING BOARD	K4M1E2
D11			B30-2233-05	LED (HR 1608)	K4M1E2
D16-19			B30-1571-05	LED (WHITE)	K4M1E2
ED1		✻	B38-1143-05	LIQUID CRYSTAL	K4M1E2
C1			CC73GCH1H681J	CHIP C 680PF J	K4M1E2
C2-5			CK73GB1C104K	CHIP C 0.10UF K	K4M1E2
C2-5			CK73GB1H104K	CHIP C 0.10UF K	K4M1E2
C6			CK73GB1H103K	CHIP C 0.010UF K	K4M1E2
C7			CK73FB1A225K	CHIP C 2.2UF K	K4M1E2
C11			CC73GCH1H681J	CHIP C 680PF J	K4M1E2
C12-14			CK73GB1C104K	CHIP C 0.10UF K	K4M1E2
C12-14			CK73GB1H104K	CHIP C 0.10UF K	K4M1E2
C15			CK73GB1H103K	CHIP C 0.010UF K	K4M1E2
C16			CK73GB1C104K	CHIP C 0.10UF K	K4M1E2
C16			CK73GB1H104K	CHIP C 0.10UF K	K4M1E2
C17-19			CK73FB0J475K	CHIP C 4.7UF K	K4M1E2
C26-29			CK73GB1H103K	CHIP C 0.010UF K	K4M1E2
313	2C		E29-1930-04	CONDUCTIVE RUBBER	K4M1E2
CN1			E40-9364-05	FLAT CABLE CONNECTOR	K4M1E2
CN2			E41-0166-05	FLAT CABLE CONNECTOR	K4M1E2
CP1			R90-1016-05	MULTI-COMP 470 X4	K4M1E2
CP4,5			R90-0724-05	MULTI-COMP 1K X4	K4M1E2
R1			RK73GB2A433J	CHIP R 43K J 1/10W	K4M1E2
R2-5			RK73GB2A222J	CHIP R 2.2K J 1/10W	K4M1E2
R6			RK73GB2A392J	CHIP R 3.9K J 1/10W	K4M1E2
R7,8			RK73GB2A331J	CHIP R 330 J 1/10W	K4M1E2
R9			RK73GB2A101J	CHIP R 100 J 1/10W	K4M1E2
R10			RK73GB2A102J	CHIP R 1.0K J 1/10W	K4M1E2
R11			RK73GB2A4R7J	CHIP R 4.7 J 1/10W	K4M1E2
R12			RK73GB2A751J	CHIP R 750 J 1/10W	K4M1E2
R13			RK73GB2A102J	CHIP R 1.0K J 1/10W	K4M1E2
R14			RK73GB2A4R7J	CHIP R 4.7 J 1/10W	K4M1E2
R15			RK73GB2A104J	CHIP R 100K J 1/10W	K4M1E2
R16			RK73GB2A271J	CHIP R 270 J 1/10W	K4M1E2
R17			RK73GB2A104J	CHIP R 100K J 1/10W	K4M1E2
R18			RK73GB2A331J	CHIP R 330 J 1/10W	K4M1E2
R19			RK73GB2A472J	CHIP R 4.7K J 1/10W	K4M1E2
R20			RK73GB2A104J	CHIP R 100K J 1/10W	K4M1E2
R23			RK73GB2A102J	CHIP R 1.0K J 1/10W	K4M1E2
R24			RK73GB2A473J	CHIP R 47K J 1/10W	K4M1E2
R26			RK73GB2A102J	CHIP R 1.0K J 1/10W	K4M1E2
R31			RK73GB2A433J	CHIP R 43K J 1/10W	K4M1E2
R32-35			RK73GB2A222J	CHIP R 2.2K J 1/10W	K4M1E2
R36			RK73GB2A4R7J	CHIP R 4.7 J 1/10W	K4M1E2
R51,52			RK73FB2B271J	CHIP R 270 J 1/8W	K4M1E2
R53,54			RK73GB2A472J	CHIP R 4.7K J 1/10W	K4M1E2
R67,68			RK73GB2A272J	CHIP R 2.7K J 1/10W	K4M1E2
D1			MA3062-M	ZENER DIODE	K4M1E2
D2-5			DA204U	DIODE	K4M1E2
D26			MA3091-M	ZENER DIODE	K4M1E2
IC1			LC75808W	MOS-IC	K4M1E2
IC2			LC75878W	MOS-IC	K4M1E2
IC3			PNA4S22M	ANALOGUE IC	K4M1E2
Q1			DTA114EE	DIGITAL TRANSISTOR	K4M1E2
Q2			UMX2N	TRANSISTOR	K4M1E2
Q5			2SC4617	TRANSISTOR	K4M1E2
Q6			DTA114EE	DIGITAL TRANSISTOR	K4M1E2
Q11			2SC4617	TRANSISTOR	K4M1E2
DISPLAY UNIT (X16-2550-10)					
310	2C		B11-1405-04	REFLECTION SHEET	K3
311	2C		B11-1408-04	OPTICAL DIFFUSER	K3
312	2C		B19-2204-02	LIGHTING BOARD	K3
D11			B30-2233-05	LED (HR 1608)	K3

K3 : KDC-MPV8025 **K4** : KDC-MP825 **E2** : KDC-W7027 **M1** : KDC-8026

⚠ Indicates safety critical components.

PARTS LIST

✻ New parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnes dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

Ref. No.	Add	New	Parts No.	Description	Destination
D50-53			B30-1599-05	LED (NICHIA FULL)	K3
ED1		✻	B38-1142-05	LIQUID CRYSTAL	K3
C1			CC73GCH1H681J	CHIP C 680PF J	K3
C2-5			CK73GB1C104K	CHIP C 0.10UF K	K3
C2-5			CK73GB1H104K	CHIP C 0.10UF K	K3
C6			CK73GB1H103K	CHIP C 0.010UF K	K3
C7			CK73FB1A225K	CHIP C 2.2UF K	K3
C11			CC73GCH1H681J	CHIP C 680PF J	K3
C12-14			CK73GB1C104K	CHIP C 0.10UF K	K3
C12-14			CK73GB1H104K	CHIP C 0.10UF K	K3
C15			CK73GB1H103K	CHIP C 0.010UF K	K3
C16			CK73GB1C104K	CHIP C 0.10UF K	K3
C16			CK73GB1H104K	CHIP C 0.10UF K	K3
C17-19			CK73FB0J475K	CHIP C 4.7UF K	K3
C50-61			CK73GB1H103K	CHIP C 0.010UF K	K3
C65-67			CK73FB0J475K	CHIP C 4.7UF K	K3
C68			CK73GB0J105K	CHIP C 1.0UF K	K3
313	2C		E29-1930-04	CONDUCTIVE RUBBER	K3
CN1			E40-9364-05	FLAT CABLE CONNECTOR	K3
CN2			E41-0166-05	FLAT CABLE CONNECTOR	K3
CP1			R90-1016-05	MULTI-COMP 470 X4	K3
CP4,5			R90-0724-05	MULTI-COMP 1K X4	K3
CP50-53			R90-1022-05	MULTI-COMP 470 X2	K3
CP54,55			R90-0720-05	MULTI-COMP 100K X4	K3
CP56			R90-1022-05	MULTI-COMP 470 X2	K3
R1			RK73GB2A433J	CHIP R 43K J 1/10W	K3
R2-5			RK73GB2A222J	CHIP R 2.2K J 1/10W	K3
R6			RK73GB2A392J	CHIP R 3.9K J 1/10W	K3
R7,8			RK73GB2A331J	CHIP R 330 J 1/10W	K3
R9			RK73GB2A101J	CHIP R 100 J 1/10W	K3
R10			RK73GB2A102J	CHIP R 1.0K J 1/10W	K3
R11			RK73GB2A4R7J	CHIP R 4.7 J 1/10W	K3
R12			RK73GB2A751J	CHIP R 750 J 1/10W	K3
R13			RK73GB2A102J	CHIP R 1.0K J 1/10W	K3
R14			RK73GB2A4R7J	CHIP R 4.7 J 1/10W	K3
R15			RK73GB2A104J	CHIP R 100K J 1/10W	K3
R16			RK73GB2A271J	CHIP R 270 J 1/10W	K3
R17			RK73GB2A104J	CHIP R 100K J 1/10W	K3
R18			RK73GB2A331J	CHIP R 330 J 1/10W	K3
R19			RK73GB2A472J	CHIP R 4.7K J 1/10W	K3
R20			RK73GB2A104J	CHIP R 100K J 1/10W	K3
R23			RK73GB2A102J	CHIP R 1.0K J 1/10W	K3
R24			RK73GB2A473J	CHIP R 47K J 1/10W	K3
R26			RK73GB2A102J	CHIP R 1.0K J 1/10W	K3
R27-29			RK73GB2A472J	CHIP R 4.7K J 1/10W	K3
R31			RK73GB2A433J	CHIP R 43K J 1/10W	K3
R32-35			RK73GB2A222J	CHIP R 2.2K J 1/10W	K3
R36			RK73GB2A4R7J	CHIP R 4.7 J 1/10W	K3
R50,51			RK73GB2A151J	CHIP R 150 J 1/10W	K3
R52			RK73GB2A221J	CHIP R 220 J 1/10W	K3
R53,54			RK73GB2A151J	CHIP R 150 J 1/10W	K3
R55			RK73GB2A221J	CHIP R 220 J 1/10W	K3
R56,57			RK73GB2A151J	CHIP R 150 J 1/10W	K3
R58			RK73GB2A221J	CHIP R 220 J 1/10W	K3

DISPLAY UNIT (X16-2550-10)

Ref. No.	Add	New	Parts No.	Description	Destination
R59,60			RK73GB2A151J	CHIP R 150 J 1/10W	K3
R61			RK73GB2A221J	CHIP R 220 J 1/10W	K3
R62-65			RK73GB2A271J	CHIP R 270 J 1/10W	K3
R66			RK73GB2A4R7J	CHIP R 4.7 J 1/10W	K3
R67,68			RK73GB2A272J	CHIP R 2.7K J 1/10W	K3
D1			MA3062-M	ZENER DIODE	K3
D2-5			DA204U	DIODE	K3
D26			MA3082-L	ZENER DIODE	K3
IC1			LC75808W	MOS-IC	K3
IC2			LC75878W	MOS-IC	K3
IC3			PNA4S22M	ANALOGUE IC	K3
IC4			M62333FP	MOS-IC	K3
Q1			DTA114EUA	DIGITAL TRANSISTOR	K3
Q1			UN5111	DIGITAL TRANSISTOR	K3
Q2			UMX2N	TRANSISTOR	K3
Q5			2SC4617	TRANSISTOR	K3
Q6			DTA114EUA	DIGITAL TRANSISTOR	K3
Q6			UN5111	DIGITAL TRANSISTOR	K3
Q11-16			UMX2N	TRANSISTOR	K3
Q62-64			2SC4617	TRANSISTOR	K3

SWITCH UNIT (X16-2560-11)

D1-10			B30-1605-05	LED (2COLOR PG/RED)	
D11-15			B30-1566-05	LED (1608,RED)	
D17-22			B30-1566-05	LED (1608,RED)	
D24			B30-1566-05	LED (1608,RED)	
CN1			E41-0419-05	FLAT CABLE CONNECTOR	
R1,2			RK73FB2B561J	CHIP R 560 J 1/8W	
R3,4			RK73FB2B391J	CHIP R 390 J 1/8W	
R5			RK73FB2B751J	CHIP R 750 J 1/8W	
R6-10			RK73FB2B561J	CHIP R 560 J 1/8W	
R11			RK73GB2A241J	CHIP R 240 J 1/10W	
R12			RK73GB2A332J	CHIP R 3.3K J 1/10W	
R13			RK73GB2A103J	CHIP R 10K J 1/10W	
R14			RK73GB2A332J	CHIP R 3.3K J 1/10W	
R15			RK73GB2A103J	CHIP R 10K J 1/10W	
R16			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R17			RK73GB2A103J	CHIP R 10K J 1/10W	
S1			S70-0901-05	TACT SWITCH	
S2-9		✻	S70-0912-05	TACT SWITCH	
S10			S70-0901-05	TACT SWITCH	
S11-20		✻	S70-0912-05	TACT SWITCH	
S21			T99-0445-05	ROTARY ENCODER	
D25			DAN222	DIODE	
Q1			DTA114YUA	DIGITAL TRANSISTOR	
Q1			UN5114	DIGITAL TRANSISTOR	
Q2-4			2SD2114K	TRANSISTOR	

CD PLAYER UNIT (X32-5540-00)

C1,2			CK73GB1H222K	CHIP C 2200PF K	
C3,4			CK73GB0J105K	CHIP C 1.0UF K	
C5			CK73GB1C104K	CHIP C 0.10UF K	
C6			CK73GB1H103K	CHIP C 0.010UF K	
C7-9			CK73GB0J105K	CHIP C 1.0UF K	

K3 : KDC-MPV8025 **K4** : KDC-MP825 **E2** : KDC-W7027 **M1** : KDC-8026

⚠ Indicates safety critical components.

PARTS LIST

✻ New parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnes dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

CD PLAYER UNIT (X32-5540-00)

Ref. No.	Add	New	Parts No.	Description	Destination
C10-15			CK73GB1C104K	CHIP C 0.10UF K	
C16			CK73FB0J475K	CHIP C 4.7UF K	
C17			CK73FB0J106M	CHIP C 10UF M	
C18			CK73GB1C104K	CHIP C 0.10UF K	
C19			CK73FB0J475K	CHIP C 4.7UF K	
C20			CK73GB1C104K	CHIP C 0.10UF K	
C21			CK73GB1H102K	CHIP C 1000PF K	
C22,23			CK73GB0J105K	CHIP C 1.0UF K	
C24-27			CK73GB1C104K	CHIP C 0.10UF K	
C28			CK73FB0J106M	CHIP C 10UF M	
C29			CK73GB1C104K	CHIP C 0.10UF K	
C30			CK73GB1H152K	CHIP C 1500PF K	
C31			CC73GCH1H470J	CHIP C 47PF J	
C32,33			CK73GB1C104K	CHIP C 0.10UF K	
C34			CC73GCH1H560J	CHIP C 56PF J	
C35,36			CK73GB1C104K	CHIP C 0.10UF K	
C37			CK73GB1H102K	CHIP C 1000PF K	
C38			CK73GB1H682K	CHIP C 6800PF K	
C39			CK73GB1C104K	CHIP C 0.10UF K	
C41			CK73GB1A334K	CHIP C 0.33UF K	
C42-45			CK73GB1C104K	CHIP C 0.10UF K	
C46			CK73GB1H682K	CHIP C 6800PF K	
C47			CK73GB1C104K	CHIP C 0.10UF K	
C48			CC73GCH1H040C	CHIP C 4.0PF C	
C49			CK73GB1H332K	CHIP C 3300PF K	
C50			CK73GB1C104K	CHIP C 0.10UF K	
C51			CC73GCH1H330J	CHIP C 33PF J	
C52			CK73FB1A225K	CHIP C 2.2UF K	
C53			CK73GB0J105K	CHIP C 1.0UF K	
C54,55			CK73GB1H103K	CHIP C 0.010UF K	
C56,57			CK73GB1H331K	CHIP C 330PF K	
C58			CK73GB1H472K	CHIP C 4700PF K	
C59-63			CK73GB1H152K	CHIP C 1500PF K	
C64			CK73GB1C104K	CHIP C 0.10UF K	
C66			CC73GCH1H120J	CHIP C 12PF J	
C67			CC73GCH1H180J	CHIP C 18PF J	
C68			CK73GB1H103K	CHIP C 0.010UF K	
C69			CK73FB1A225K	CHIP C 2.2UF K	
C70			CK73FB1A105K	CHIP C 1.0UF K	
C71			CK73FB0J106M	CHIP C 10UF M	
C72			CK73GB1H102K	CHIP C 1000PF K	
CN1			E41-2083-05	FLAT CABLE CONNECTOR (24PIN)	
CN2			E41-2068-05	FLAT CABLE CONNECTOR (16PIN)	
CN2			E41-2085-05	FLAT CABLE CONNECTOR (16PIN)	
L1,2			L92-0386-05	CHIP FERRITE	
X1			L77-2808-05	CRYSTAL RESONATOR (16.897849MHZ)	
X2			L78-0896-05	RESONATOR (16.00MHZ)	
CP1			RK74GA1J104J	CHIP-COM 100K J 1/16W	
CP2,3			RK74GA1J101J	CHIP-COM 100 J 1/16W	
CP4			RK74GA1J103J	CHIP-COM 10K J 1/16W	
CP5			RK74GA1J102J	CHIP-COM 1.0K J 1/16W	
CP6			RK74GA1J104J	CHIP-COM 100K J 1/16W	
CP7			RK74GB1J102J	CHIP-COM 1.0K J 1/16W	

Ref. No.	Add	New	Parts No.	Description	Destination
CP8			RK74GA1J102J	CHIP-COM 1.0K J 1/16W	
CP9			RK74GB1J101J	CHIP-COM 100 J 1/16W	
CP10			RK74GB1J103J	CHIP-COM 10K J 1/16W	
CP11			RK74GB1J472J	CHIP-COM 4.7K J 1/16W	
CP12			RK74GA1J104J	CHIP-COM 100K J 1/16W	
CP13,14			RK74GB1J104J	CHIP-COM 100K J 1/16W	
CP15			RK74GA1J104J	CHIP-COM 100K J 1/16W	
CP16			RK74GB1J222J	CHIP-COM 2.2K J 1/16W	
R1			RK73GB2A100J	CHIP R 10 J 1/10W	
R2			R92-3494-05	CHIP R 5.6 J 1/2W	
R3,4			RK73FB2B331J	CHIP R 330 J 1/8W	
R5			RK73GB2A101J	CHIP R 100 J 1/10W	
R6			RN73GH1J223D	CHIP R 22K D 1/16W	
R7			RK73GB2A104J	CHIP R 100K J 1/10W	
R8			RN73GH1J393D	CHIP R 39K D 1/16W	
R9			RK73GB2A104J	CHIP R 100K J 1/10W	
R10			RK73GB2A101J	CHIP R 100 J 1/10W	
R11,12			RK73GB2A104J	CHIP R 100K J 1/10W	
R13			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R14-17			RK73GB2A104J	CHIP R 100K J 1/10W	
R18			RK73GB2A101J	CHIP R 100 J 1/10W	
R21-23			RK73GB2A103J	CHIP R 10K J 1/10W	
R24,25			RK73GB2A4R7J	CHIP R 4.7 J 1/10W	
R27			RK73GB2A104J	CHIP R 100K J 1/10W	
R28			RK73GB2A103J	CHIP R 10K J 1/10W	
R29			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R31-33			RK73GB2A104J	CHIP R 100K J 1/10W	
R34			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R35			RK73GB2A104J	CHIP R 100K J 1/10W	
R36			RK73FB2B4R7J	CHIP R 4.7 J 1/8W	
R37			RK73GB2A103J	CHIP R 10K J 1/10W	
R38			RK73GB2A221J	CHIP R 220 J 1/10W	
R39			RK73GB2A152J	CHIP R 1.5K J 1/10W	
R40			RK73GB2A274J	CHIP R 270K J 1/10W	
R42			RK73GB2A101J	CHIP R 100 J 1/10W	
R43			RK73GB2A393J	CHIP R 39K J 1/10W	
R44,45			RK73GB2A302J	CHIP R 3.0K J 1/10W	
R46			RK73GB2A105J	CHIP R 1.0M J 1/10W	
R47			RK73GB2A104J	CHIP R 100K J 1/10W	
R48,49			RK73GB2A331J	CHIP R 330 J 1/10W	
R50			RK73GB2A101J	CHIP R 100 J 1/10W	
R51			RK73GB2A392J	CHIP R 3.9K J 1/10W	
R52			RK73GB2A163J	CHIP R 16K J 1/10W	
R53			RK73GB2A123J	CHIP R 12K J 1/10W	
R54			RK73GB2A333J	CHIP R 33K J 1/10W	
R55			RK73GB2A103J	CHIP R 10K J 1/10W	
R56			RK73GB2A123J	CHIP R 12K J 1/10W	
R57,58			RK73GB2A133J	CHIP R 13K J 1/10W	
R59			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R60			RK73GB2A123J	CHIP R 12K J 1/10W	
R61			RK73GB2A183J	CHIP R 18K J 1/10W	
R62			RK73GB2A432J	CHIP R 4.3K J 1/10W	
R63			RK73GB2A133J	CHIP R 13K J 1/10W	
R64			RK73GB2A241J	CHIP R 240 J 1/10W	
R65			RK73GB2A104J	CHIP R 100K J 1/10W	

K3 : KDC-MPV8025 **K4** : KDC-MP825 **E2** : KDC-W7027 **M1** : KDC-8026

⚠ Indicates safety critical components.

PARTS LIST

✻ New parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnes dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

Ref. No.	Add	New	Parts No.	Description	Destination
R66			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R67			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R68,69			RK73GB2A104J	CHIP R 100K J 1/10W	
R70			RK73GB2A102J	CHIP R 1.0K J 1/10W	
S1,2			S68-0863-05	PUSH SWITCH	
S3			S68-0862-05	PUSH SWITCH	
D2			DA204U	DIODE	
D3			DAN202U	DIODE	
IC1			91CW12AFG-4VF6	MICROCONTROLLER IC	
IC2			UPD63712GC	MOS-IC	
IC3			TC94A20F-010	MOS-IC	
IC4			BA5824FP	ANALOGUE IC	
IC5			NJM2880U133	ANALOGUE IC	
IC5			NJM2880U33	ANALOGUE IC	
IC6			S-1112B33MCG	ANALOGUE IC	
IC6			XC6219B332MR	ANALOGUE IC	
IC7			S-1112B25MCG	ANALOGUE IC	
IC7			XC6219B252MR	ANALOGUE IC	
IC8			TC7SH08FU	MOS-IC	
IC9			TAR5S33-F	ANALOGUE IC	
Q1			2SK3018	FET	
Q3			UMD9N	TRANSISTOR	
Q4			2SK3018	FET	
Q5			UMD9N	TRANSISTOR	
Q6			UMD12N	TRANSISTOR	
Q7			DTC124EUA	DIGITAL TRANSISTOR	
Q8			2SB0970	TRANSISTOR	
Q9,10			DTC114YUA	DIGITAL TRANSISTOR	

ELECTRIC UNIT (X34-3040-10/11/21, X34-3042-71)

C1,2			C94-0161-05	ELECTRO	0.47UF	50WV	
C3,4			CK73FB1C474K	CHIP C	0.47UF	K	
C5			C94-0032-05	ELECTRO	47UF	6.3WV	K4
C5,6			C94-0032-05	ELECTRO	47UF	6.3WV	K3M1E2
C7,8			CK73FB1C474K	CHIP C	0.47UF	K	K3M1E2
C9			CK73GB1A474K	CHIP C	0.47UF	K	
C10			CC73GCH1H151J	CHIP C	150PF	J	
C11			CK73GB1E223K	CHIP C	0.022UF	K	
C11			CK73GB1H223K	CHIP C	0.022UF	K	
C12			CK73GB1H103K	CHIP C	0.010UF	K	
C13-16			CK73FB1H104K	CHIP C	0.10UF	K	
C21-24			CK73FB1C105K	CHIP C	1.0UF	K	K3M1E2
C21,22			CK73FB1C105K	CHIP C	1.0UF	K	K4
C31-34			C94-0179-05	ELECTRO	0.22UF	50WV	
C41,42		✻	C94-0046-05	ELECTRO	3.3UF	35WV	
C49,50		✻	C94-0046-05	ELECTRO	3.3UF	35WV	
C67			CK73FB1H104K	CHIP C	0.10UF	K	
C69			CK73FB1H104K	CHIP C	0.10UF	K	
C70,71			CK73GB1H103K	CHIP C	0.010UF	K	K3M1E2
C71			CK73GB1H103K	CHIP C	0.010UF	K	K4
C100			C90-5626-05	ELECTRO	3900UF	16WV	E2
C100			C94-0213-05	ELECTRO	2200UF	16WV	K3K4M1
C101			CK73GB1H103K	CHIP C	0.010UF	K	
C102		✻	C90-5619-05	ELECTRO	220UF	16WV	
C103			CK73GB1H103K	CHIP C	0.010UF	K	

CD PLAYER UNIT (X32-5540-00)

Ref. No.	Add	New	Parts No.	Description	Destination
C104			C94-0039-05	ELECTRO 10UF 16WV	
C105			C94-0033-05	ELECTRO 100UF 6.3WV	
C106			CK73GB1A474K	CHIP C 0.47UF K	
C107			CK73FB1C105K	CHIP C 1.0UF K	
C108		✻	C94-0188-05	ELECTRO 220UF 10WV	
C109		✻	C94-0186-05	ELECTRO 100UF 10WV	
C110,111			C90-2963-05	ELECTRO 100UF 25WV	
C112,113			C90-5418-05	ELECTRO 220UF 16WV	
C114			CK73GB1A224K	CHIP C 0.22UF K	
C126		✻	C94-0046-05	ELECTRO 3.3UF 35WV	
C127			CK73GB0J105K	CHIP C 1.0UF K	
C128		✻	C94-0047-05	ELECTRO 0.1UF 50WV	
C129			CK73GB1H103K	CHIP C 0.010UF K	
C130			CK73GB1E223K	CHIP C 0.022UF K	
C130			CK73GB1H223K	CHIP C 0.022UF K	
C131			C94-0051-05	ELECTRO 1UF 50WV	
C132			CK73GB1H102K	CHIP C 1000PF K	
C134,135			CK73GB1H103K	CHIP C 0.010UF K	
C200			C94-0032-05	ELECTRO 47UF 6.3WV	
C201			CK73GB1H103K	CHIP C 0.010UF K	
C202			CC73GCH1H220J	CHIP C 22PF J	
C203			CC73GCH1H270J	CHIP C 27PF J	
C204			CK73GB0J105K	CHIP C 1.0UF K	
C206			CK73GB0J105K	CHIP C 1.0UF K	
C207,208			CK73GB1H103K	CHIP C 0.010UF K	
C211			CK73GB1H102K	CHIP C 1000PF K	
C213			CK73GB1H103K	CHIP C 0.010UF K	
C250			C94-0042-05	ELECTRO 47UF 16WV	
C251			CK73GB1H103K	CHIP C 0.010UF K	
C252			C90-5540-05	ELECTRO 2.2UF 50WV	E2
C252			C94-0052-05	ELECTRO 2.2UF 50WV	K3K4M1
C253,254			CK73GB1C104K	CHIP C 0.10UF K	
C253,254			CK73GB1H104K	CHIP C 0.10UF K	
C255			C94-0051-05	ELECTRO 1UF 50WV	
C256			C94-0041-05	ELECTRO 33UF 16WV	
C257			C90-5663-05	ELECTRO 1UF 50WV	
C258			C94-0051-05	ELECTRO 1UF 50WV	
C259-262			CK73GB1A224K	CHIP C 0.22UF K	
C401			CK73GB1H103K	CHIP C 0.010UF K	
C403			CK73GB1H103K	CHIP C 0.010UF K	
C405			CK73GB1H103K	CHIP C 0.010UF K	
C407			CK73GB1H103K	CHIP C 0.010UF K	
C408			CK73FB1A225K	CHIP C 2.2UF K	E2
C409			CK73GB1H103K	CHIP C 0.010UF K	E2
C410			C94-0039-05	ELECTRO 10UF 16WV	E2
C411			CC73GCH1H331J	CHIP C 330PF J	E2
C412,413			CC73GCH1H100D	CHIP C 10PF D	E2
CN1			E41-0224-05	PIN ASSY (12PIN)	
CN2			E40-3237-05	PIN ASSY (2PIN)	
CN3			E41-0384-05	PIN ASSY (16PIN)	
CN4			E40-9527-05	FLAT CABLE CONNECTOR (24PIN)	
CN4			E41-0213-05	FLAT CABLE CONNECTOR (24PIN)	
CN5			E40-9368-05	FLAT CABLE CONNECTOR (28PIN)	
CN6			E41-0399-05	FLAT CABLE CONNECTOR (15PIN)	

K3 : KDC-MPV8025 **K4** : KDC-MP825 **E2** : KDC-W7027 **M1** : KDC-8026

⚠ Indicates safety critical components.

PARTS LIST

✻ New parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnes dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

ELECTRIC UNIT (X34-3040-10/11/21, X34-3042-71)

Ref. No.	Add	New	Parts No.	Description	Destination
CN7			E41-0009-05	PIN ASSY (2PIN)	
⚠ J1			E58-0863-15	RECTANGULAR RECEPTACLE (16PIN)	
P1			E23-0745-05	TERMINAL	
W2			E30-6218-05	CORD WITH PLUG (ANT)	
L1			L33-1170-05	CHOKE COIL ASSY	
L2			L33-1903-05	CHOKE COIL	
L4			L40-4795-91	SMALL FIXED INDUCTOR (4.7UH,J)	
L5			L92-0075-05	CHIP FERRITE	
L6			L40-4795-91	SMALL FIXED INDUCTOR (4.7UH,J)	
L7			L33-1039-05	LINE FILTER COIL	
L11-13			L40-4795-34	SMALL FIXED INDUCTOR	E2
L11-13			L40-4795-68	SMALL FIXED INDUCTOR (4.7UH)	E2
L11,12			L40-4795-34	SMALL FIXED INDUCTOR	K3K4M1
L11,12			L40-4795-68	SMALL FIXED INDUCTOR (4.7UH)	K3K4M1
X1			L78-0821-05	RESONATOR (20MHz)	
X2			L77-2738-05	CRYSTAL RESONATOR (32.768KHz)	
X3			L77-2002-05	CRYSTAL RESONATOR (4.332MHz)	E2
U	2D		N83-3005-46	PAN HEAD TAPTITE SCREW	
X	2D		N80-3008-46	PAN HEAD TAPTITE SCREW	
Y	2D		N83-3010-46	PAN HEAD TAPTITE SCREW	
Z	2D		N84-2004-46	PAN HEAD TAPTITE SCREW	
R1,2			RK73EB2E100J	CHIP R 10 J 1/4W	
R3			RK73EB2E4R7J	CHIP R 4.7 J 1/4W	K4
R3,4			RK73EB2E4R7J	CHIP R 4.7 J 1/4W	K3M1E2
R5,6			RK73EB2E100J	CHIP R 10 J 1/4W	K3M1E2
R7			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R8			RK73GB2A103J	CHIP R 10K J 1/10W	
R9,10			RK73FB2B333J	CHIP R 33K J 1/8W	
R21,22			RK73GB2A361J	CHIP R 360 J 1/10W	
R23,24			RK73GB2A223J	CHIP R 22K J 1/10W	
R31,32			RK73EB2E181J	CHIP R 180 J 1/4W	
R45,46			RK73GB2A361J	CHIP R 360 J 1/10W	
R47,48			RK73GB2A223J	CHIP R 22K J 1/10W	
R55,56			RK73EB2E181J	CHIP R 180 J 1/4W	
R60,61			RK73GB2A102J	CHIP R 1.0K J 1/10W	K3M1E2
R61			RK73GB2A102J	CHIP R 1.0K J 1/10W	K4
R100			RK73FB2B223J	CHIP R 22K J 1/8W	
R101			RK73GB2A101J	CHIP R 100 J 1/10W	
R102			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R103			RK73GB2A223J	CHIP R 22K J 1/10W	
R104			RK73FB2B221J	CHIP R 220 J 1/8W	
R105			RK73GB2A153J	CHIP R 15K J 1/10W	
R106			R92-3047-05	CHIP R 24K D 1/10W	
R107			R92-3032-05	CHIP R 4.3K D 1/10W	
R108			RK73FB2B152J	CHIP R 1.5K J 1/8W	
R109-111			RK73GB2A473J	CHIP R 47K J 1/10W	
R112			RK73FB2B152J	CHIP R 1.5K J 1/8W	
R124			RK73FB2B472J	CHIP R 4.7K J 1/8W	
R125,126			RD14DB2H102J	SMALL-RD 1.0K J 1/2W	K3K4M1
R127			RK73GB2A223J	CHIP R 22K J 1/10W	K3K4M1
R128,129			RD14DB2H102J	SMALL-RD 1.0K J 1/2W	
R130			RK73GB2A223J	CHIP R 22K J 1/10W	
R131			RK73FB2B472J	CHIP R 4.7K J 1/8W	
R132			RK73FB2B561J	CHIP R 560 J 1/8W	M1E2
R133			RK73GB2A104J	CHIP R 100K J 1/10W	
R134			RK73GB2A473J	CHIP R 47K J 1/10W	
R135			RK73GB2A223J	CHIP R 22K J 1/10W	
R138			RK73GB2A223J	CHIP R 22K J 1/10W	
R139			RK73FB2B103J	CHIP R 10K J 1/8W	
R140			RK73GB2A103J	CHIP R 10K J 1/10W	
R141			RK73GB2A822J	CHIP R 8.2K J 1/10W	
R142			RK73GB2A183J	CHIP R 18K J 1/10W	
R143			RD14DB2H332J	SMALL-RD 3.3K J 1/2W	
R144			RK73EB2E473J	CHIP R 47K J 1/4W	
R145			RK73GB2A104J	CHIP R 100K J 1/10W	
R146			RK73EB2E102J	CHIP R 1.0K J 1/4W	M1E2
R147,148			RK73EB2E103J	CHIP R 10K J 1/4W	
R200			RK73GB2A153J	CHIP R 15K J 1/10W	
R201			RK73GB2A103J	CHIP R 10K J 1/10W	
R202			RK73GB2A104J	CHIP R 100K J 1/10W	
R203			RK73GB2A103J	CHIP R 10K J 1/10W	E2
R203,204			RK73GB2A103J	CHIP R 10K J 1/10W	K3
R204,205			RK73GB2A103J	CHIP R 10K J 1/10W	M1
R205,206			RK73GB2A103J	CHIP R 10K J 1/10W	K4
R206			RK73GB2A103J	CHIP R 10K J 1/10W	E2
R207			RK73GB2A104J	CHIP R 100K J 1/10W	
R208,209			RK73GB2A103J	CHIP R 10K J 1/10W	
R212,213			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R214,215			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R216,217			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R218			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R219,220			RK73GB2A101J	CHIP R 100 J 1/10W	
R221-224			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R225-227			RK73GB2A101J	CHIP R 100 J 1/10W	K3K4E2
R228			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R229			RK73GB2A104J	CHIP R 100K J 1/10W	
R230			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R231			RK73GB2A104J	CHIP R 100K J 1/10W	
R232			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R233			RK73GB2A104J	CHIP R 100K J 1/10W	
R234-240			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R241			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R245,246			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R247			RK73GB2A104J	CHIP R 100K J 1/10W	
R248			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R250-253			RK73GB2A104J	CHIP R 100K J 1/10W	K3K4M1
R250,251			RK73GB2A104J	CHIP R 100K J 1/10W	E2
R254,255			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R256			RK73GB2A104J	CHIP R 100K J 1/10W	E2
R256,257			RK73GB2A104J	CHIP R 100K J 1/10W	K3K4M1
R259			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R260,261			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R262			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R264			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R265			RK73GB2A104J	CHIP R 100K J 1/10W	
R266			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R267			RK73GB2A473J	CHIP R 47K J 1/10W	
R268			RK73GB2A333J	CHIP R 33K J 1/10W	
R269			RK73GB2A472J	CHIP R 4.7K J 1/10W	

K3 : KDC-MPV8025 **K4** : KDC-MP825 **E2** : KDC-W7027 **M1** : KDC-8026

⚠ Indicates safety critical components.

PARTS LIST

✻ New parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnes dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

ELECTRIC UNIT (X34-3040-10/11/21, X34-3042-71)

Ref. No.	Add	New	Parts No.	Description	Destination
R270,271			RK73GB2A471J	CHIP R 470 J 1/10W	
R272			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R273			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R274			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R275			RK73GB2A104J	CHIP R 100K J 1/10W	
R277,278			RK73GB2A471J	CHIP R 470 J 1/10W	
R279,280			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R281			RK73GB2A473J	CHIP R 47K J 1/10W	
R285			RK73GB2A102J	CHIP R 1.0K J 1/10W	
R300,301			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R302			RK73GB2A221J	CHIP R 220 J 1/10W	
R303			RK73GB2A223J	CHIP R 22K J 1/10W	
R305			RK73GB2A432J	CHIP R 4.3K J 1/10W	
R306			RK73GB2A100J	CHIP R 10 J 1/10W	
R307			RK73GB2A752J	CHIP R 7.5K J 1/10W	
R308			RK73EB2E102J	CHIP R 1.0K J 1/4W	K3K4E2
R309-311			RK73EB2E471J	CHIP R 470 J 1/4W	K3K4E2
R312			RK73EB2E101J	CHIP R 100 J 1/4W	
R313-317			RK73EB2E472J	CHIP R 4.7K J 1/4W	
R318,319			RK73EB2E101J	CHIP R 100 J 1/4W	
R321-323			RK73GB2A222J	CHIP R 2.2K J 1/10W	
R324,325			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R326			RK73GB2A104J	CHIP R 100K J 1/10W	
R327,328			RK73GB2A472J	CHIP R 4.7K J 1/10W	
R329			RK73EB2E472J	CHIP R 4.7K J 1/4W	
R330,331			RK73EB2E101J	CHIP R 100 J 1/4W	
R332			RK73EB2E471J	CHIP R 470 J 1/4W	
R402			RK73FB2B102J	CHIP R 1.0K J 1/8W	
R403			RK73GB2A223J	CHIP R 22K J 1/10W	
R404			RK73GB2A472J	CHIP R 4.7K J 1/10W	E2
R405-407			RK73GB2A222J	CHIP R 2.2K J 1/10W	E2
W1			R92-1252-05	CHIP R 0 OHM J 1/16W	E2
D1			1N5393G-M5	DIODE	
D2			RB160L-40	DIODE	
D3			MA4056(N)-M	ZENER DIODE	
D4			MA4082(N)-L	ZENER DIODE	
D5			SFPB-54V	DIODE	
D6			MA4110-L	ZENER DIODE	
D9-12			S1J	DIODE	
D9-12			1SR154-400	DIODE	
D13			1SS133	DIODE	
D14			MA4056-M	ZENER DIODE	M1E2
D15			MA4047-M	ZENER DIODE	
D16			MA4068(N)-M	ZENER DIODE	
D17			MA4062(N)-M	ZENER DIODE	
D20			1SS133	DIODE	
D23,24			DAP202U	DIODE	
D23,24		✻	LM1MA142WA-G	DIODE	
D23,24			MA142WA	DIODE	
D25-27			RD6.8M(B2)	ZENER DIODE	K3M1E2
D25,26			RD6.8M(B2)	ZENER DIODE	K4
D28			RD6.8MW	ZENER DIODE	K3M1E2
D29-31			1SS133	DIODE	
D33-40			S1J	DIODE	

Ref. No.	Add	New	Parts No.	Description	Destination
D33-40			1SR154-400	DIODE	
D50			RD6.8M(B2)	ZENER DIODE	
D51			RD6.8MW	ZENER DIODE	
D52-55			MA3062WA	ZENER DIODE	E2
D52,53			MA3062WA	ZENER DIODE	K3K4M1
D60			MA3062WA	ZENER DIODE	
D62			MA3062WA	ZENER DIODE	
D63-65			DA204U	DIODE	
D66			IMSA-6801	SURGE ABSORBER	
IC1		✻	UPD703030GC042	MICROCONTROLLER IC	
IC2			TDA7411	ANALOGUE IC	
IC3			M5237ML	ANALOGUE IC	
IC4			TDA7560	ANALOGUE IC	
IC5			SI-8050JD	ANALOGUE IC	
IC7			S-80837CNNB	MOS-IC	
IC8			TC74HC02AF	MOS-IC	
IC12			TDA7479D	ANALOGUE IC	E2
IC13,14			LB1930M	ANALOGUE IC	
Q1			2SA2057	TRANSISTOR	
Q2			2SC4081	TRANSISTOR	
Q3			2SA1576A	TRANSISTOR	
Q4			DTA124EUA	DIGITAL TRANSISTOR	
Q4			UN5112	DIGITAL TRANSISTOR	
Q5			DTC124EUA	DIGITAL TRANSISTOR	
Q5			UN5212	DIGITAL TRANSISTOR	
Q6			DTC144EUA	DIGITAL TRANSISTOR	
Q6			UN5213	DIGITAL TRANSISTOR	
Q7			DTA124EUA	DIGITAL TRANSISTOR	
Q7			UN5112	DIGITAL TRANSISTOR	
Q8,9			2SA2057	TRANSISTOR	
Q10			2SC4081	TRANSISTOR	
Q11			DTC124EUA	DIGITAL TRANSISTOR	
Q11			UN5212	DIGITAL TRANSISTOR	
Q12			DTA124EUA	DIGITAL TRANSISTOR	
Q12			UN5112	DIGITAL TRANSISTOR	
Q13			2SA2057	TRANSISTOR	
Q14			2SC4081	TRANSISTOR	
Q23			DTC114YUA	DIGITAL TRANSISTOR	K3K4M1
Q23			UN5214	DIGITAL TRANSISTOR	K3K4M1
Q24,25			2SB1240	TRANSISTOR	K3K4M1
Q25			2SB1240	TRANSISTOR	E2
Q26			DTC114YUA	DIGITAL TRANSISTOR	
Q26			UN5214	DIGITAL TRANSISTOR	
Q27			2SA1576A	TRANSISTOR	
Q28			DTA114EUA	DIGITAL TRANSISTOR	
Q28			UN5111	DIGITAL TRANSISTOR	
Q29			DTA123JK	DIGITAL TRANSISTOR	M1E2
Q29			KRA105S	DIGITAL TRANSISTOR	M1E2
Q30			DTC144EUA	DIGITAL TRANSISTOR	
Q30			UN5213	DIGITAL TRANSISTOR	
Q32-34			2SC4081	TRANSISTOR	
Q51,52			DTA124EUA	DIGITAL TRANSISTOR	
Q51,52			UN5112	DIGITAL TRANSISTOR	
Q53			DTC143TUA	DIGITAL TRANSISTOR	
Q53			UN5216	DIGITAL TRANSISTOR	

K3 : KDC-MPV8025 **K4** : KDC-MP825 **E2** : KDC-W7027 **M1** : KDC-8026

⚠ Indicates safety critical components.

PARTS LIST

✻ New parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnes dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht geliefert.

Ref. No.	Add	New	Parts No.	Description	Destination
Q54			DTC124EUA	DIGITAL TRANSISTOR	
Q54			UN5212	DIGITAL TRANSISTOR	
Q55,56			DTC143TUA	DIGITAL TRANSISTOR	
Q55,56			UN5216	DIGITAL TRANSISTOR	
Q59,60			DTC143TUA	DIGITAL TRANSISTOR	
Q59,60			UN5216	DIGITAL TRANSISTOR	
Q63			DTA124EUA	DIGITAL TRANSISTOR	
Q63			UN5112	DIGITAL TRANSISTOR	
Q102			DTC124EUA	DIGITAL TRANSISTOR	
Q102			UN5212	DIGITAL TRANSISTOR	
Q103			2SB1188(Q,R)	TRANSISTOR	
Q104			DTC143TUA	DIGITAL TRANSISTOR	E2
Q104			UN5216	DIGITAL TRANSISTOR	E2
TH1			PTH9C42BD471Q	POSITIVE RESISTOR	
A1			X86-3730-11	FRONT-END UNIT	K3K4M1
A1			X86-3732-70	FRONT-END UNIT	E2
CD MECHANISM ASSY (X92-4900-00)					
2	1B	✻	A10-4884-02	CHASSIS	
5	1B	✻	D10-4610-03	ARM ASSY	
8	2A	✻	D10-4608-03	LEVER ASSY	
10	3A	✻	D10-4602-03	ARM	
11	2A	✻	D10-4603-03	ARM	
12	3A	✻	D10-4604-03	ARM	
13	3A	✻	D10-4605-03	ARM	
14	3B	✻	D10-4613-03	ARM	
15	2A	✻	D10-4615-03	SLIDER	
16	3B	✻	D10-4617-02	SLIDER	
17	3B	✻	D10-4618-03	SLIDER	
18	3B	✻	D10-4614-04	ARM	
19	3B	✻	D10-4606-04	ARM	
22	2A	✻	D13-2174-04	GEAR	
23	2B	✻	D13-2180-04	GEAR	
24	3B	✻	D13-2181-04	GEAR	
25	3B	✻	D13-2182-04	GEAR	
26	3B	✻	D13-2175-04	WORM	
27	3B	✻	D13-2176-04	GEAR	
28	3B	✻	D13-2177-04	GEAR	
29	3B	✻	D13-2178-04	GEAR	
30	3B	✻	D13-2183-04	GEAR	
31	3B	✻	D13-2184-04	GEAR	
32	2B	✻	D13-2173-03	RACK (GEAR)	
33	2A	✻	D14-0763-04	ROLLER	
35	2B	✻	D21-2389-04	SHAFT	
36	1A	✻	D23-0955-04	RETAINER	
37	1B	✻	D39-0246-05	DAMPER	
38	2B	✻	G01-3095-04	EXTENSION SPRING	
39	2A	✻	G01-3093-04	TORSION COIL SPRING	
40	2A	✻	G01-3094-04	EXTENSION SPRING	
41	1B	✻	G01-3091-04	EXTENSION SPRING	
42	2A	✻	G01-3092-04	EXTENSION SPRING	
43	1B	✻	G01-3090-04	EXTENSION SPRING	
44	2B	✻	G02-1413-04	FLAT SPRING	
45	2B	✻	G02-1414-04	FLAT SPRING	

ELECTRIC UNIT (X34-3040-10/11/21, X34-3042-71)

Ref. No.	Add	New	Parts No.	Description	Destination
51	1A	✻	J21-9753-02	MOUNTING HARDWARE	
52	3B	✻	J21-9755-02	MOUNTING HARDWARE	
53	1B	✻	J21-9752-03	MOUNTING HARDWARE	
55	1A	✻	J90-1014-01	GUIDE	
56	1B	✻	J90-1024-03	GUIDE	
DFPC1	3A		J84-0141-05	FLEXIBLE PRINTED WIRING BOARD	
A	2B	✻	N09-6192-05	TAPPING SCREW (P2X8COUNTERSU)	
B	1B	✻	N09-6191-05	STEPPED SCREW (M1.7TOTAL8BON)	
C	2B		N09-6004-05	MACHINE SCREW (M1.7X2.5 IB-L)	
E	2B	✻	N09-6193-05	MACHINE SCREW (M2X2PAN-HEAD#)	
F	1A	✻	N09-6194-05	TAPPING SCREW (P2X5BINDING-H)	
G	2A		N19-2163-04	FLAT WASHER	
H	1B		N39-2020-46	PAN HEAD MACHIN SCREW	
J	1B	✻	N09-6196-05	TAPTITE SCREW (S2X3.5PRECISI)	
DM1	3B		T42-1066-04	DC MOTOR ASSY (SPINDLE)	
DM2	3B		T42-1067-04	DC MOTOR ASSY (LOADING)	
DPU1	2B		X93-2010-00	OPTICAL PICKUP ASSY	

K3 : KDC-MPV8025 **K4** : KDC-MP825 **E2** : KDC-W7027 **M1** : KDC-8026

⚠ Indicates safety critical components.

SPECIFICATIONS

KDC-8026/MP825/MPV8025

FM
Frequency Range (Frequency step)
KDC-MP825/MPV8025 ..... 87.9MHz~107.9MHz (200kHz)
KDC-8026 .... 87.5MHz~108.0MHz (50kHz), 87.9MHz~107.9MHz (200kHz)
Channel Space Selection 50k/200kHz
Usable Sensitivity (S/N 30dB) 9.3dBf (0.8µV/75Ω)
Quieting Sensitivity (S/N 50dB) 15.2dBf (1.6µV/75Ω)
Frequency Response (±3.0dB) ..... 30Hz~15kHz
S/N ..... 70dB (MONO)
Selectivity (DIN) ..... ≧80dB (±400kHz)
Stereo Separation 40dB (1kHz)

AM
Frequency Range (Frequency step)
KDC-MP825/MPV8025 ..... 530kHz~1700kHz (10kHz)
KDC-8026 ..... 531~1611kHz (9kHz), 530kHz~1700kHz (10kHz)
Channel Space Selection 9k/10kHz
Usable Sensitivity (S/N 20dB) 28dBµ (25µV)

CD
Laser Diode ..... GaAlAs
Digital Filter (D/A) ..... 8 Times OverSampling
D/A Converter ..... 1 Bit
Spindle Speed (CD-DA/MP3) ..... 1000~400rpm (CLV 2 times)
Wow & Flutter ..... Below Mesurable Limit
Frequency Response ..... 10Hz~20kHz (±1dB)
Total Harmonic Distortion 0.01% (1kHz)
S/N Ratio 105dB (1kHz)
Dynamic Range 93dB
Channel Separation 95dB
MP3 Decode ..... Compliant with MPEG-1/2 Audio Layer-3
WMA Decode ..... Compliant with Windows Media Audio

Preout Level/Load-Unbalanced ..... 2000mV/10kΩ (CD/CD-CH)
Preout Impedance ..... ≦600Ω

AUX Input (KDC-MPV8025, KDC-8026)
Frequency Response ..... 20Hz~20kHz (±1dB)
Input Maximum Voltage 1200mV
Input Impedance 100kΩ

AMP
Maximum Power ..... 50W x 4
Full Bandwidth Power (at less than 1% THD) ..... 22W x 4

TONE
Bass ..... 100Hz±8dB
Middle ..... 1kHz±8dB
Treble ..... 12.5kHz±8dB

GENERAL
Operating voltage (11~16V allowable) 14.4V
Current Consumption 10A
Installation Size (W x H x D) ..... 182 x 53 x 162 mm
..... 7-3/16 x 2-1/16 x 6-3/8 in
Weight 1.9kg (4.19lbs)

KDC-W7027

FM
Frequency Range (Frequency step) .... 87.5MHz~108.0MHz (50kHz)
Usable Sensitivity (S/N 26dB) 0.7µV/75Ω
Quieting Sensitivity (S/N 46dB) 1.6µV/75Ω
Frequency Response (±3.0dB) ..... 30Hz~15kHz
S/N ..... 65dB (MONO)
Selectivity (DIN) ..... ≧80dB (±400kHz)
Stereo Separation 35dB (1kHz)

MW
Frequency Range (Frequency step) ..... 531kHz~1611kHz (9kHz)
Usable Sensitivity (S/N 20dB) 25µV

LW
Frequency Range ..... 153kHz~281kHz
Usable Sensitivity (S/N 20dB) 45µV

CD
Laser Diode ..... GaAlAs
Digital Filter (D/A) ..... 8 Times OverSampling
D/A Converter ..... 1 Bit
Spindle Speed (CD-DA/MP3/WMA) ..... 1000~400rpm (CLV 2 times)
Wow & Flutter ..... Below Mesurable Limit
Frequency Response ..... 10Hz~20kHz (±1dB)
Total Harmonic Distortion 0.01% (1kHz)
S/N Ratio 105dB (1kHz)
Dynamic Range 93dB
Channel Separation 95dB
MP3 Decode ..... Compliant with MPEG-1/2 Audio Layer-3
WMA Decode ..... Compliant with Windows Media Audio

Preout Level/Load-Unbalanced ..... 2000mV/10kΩ (CD/CD-CH)
Preout Impedance ..... ≦600Ω

AUX Input
Frequency Response ..... 20Hz~20kHz (±1dB)
Input Maximum Voltage 1200mV
Input Impedance 100kΩ

AMP
Maximum Power ..... 50W x 4
PWR DIN45324, +B=14.4V ..... 30W x 4

TONE
Bass ..... 60Hz~150Hz±8dB
Middle ..... 500Hz~2kHz±8dB
Treble ..... 10kHz~17.5kHz±8dB

GENERAL
Operating voltage (11~16V allowable) 14.4V
Current Consumption 10A
Installation Size (W x H x D) ..... 182 x 53 x 162 mm
Weight 1.9kg

KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

KENWOOD CORPORATION
2967-3, Ishikawa-machi, Hachioji-shi, Tokyo, 192-8525 Japan

KENWOOD USA CORPORATION
P.O. Box 22745, 2201 East Dominguez Street, Long Beach, CA 90801-5745, U.S.A.

KENWOOD ELECTRONICS CANADA INC.
6070 Kestrel Road, Mississauga, Ontario, Canada L5T 1S8

KENWOOD ELECTRONICS LATIN AMERICA S.A.
P.O. Box 55-2791 Paitilla, Plaza Credicorp Bank Panama,
Piso 9, Oficina 901, Calle 50, Panama, Rep. de Panama

KENWOOD ELECTRONICS BRASIL LTDA.
Alameda Ministro Rocha Azevedo No. 456,
Edificio Jaú, 10o Andar, Cerqueira César, Cep 0140-001,
São Paulo-SP-Brasil

KENWOOD ELECTRONICS UK LIMITED
Kenwood House, Dwight Road, Watford, Herts, WD18 9EB, United Kingdom

KENWOOD ELECTRONICS DEUTSCHLAND GMBH
Rembrücker-Str. 15, 63150 Heusenstamm, Germany

KENWOOD ELECTRONICS FRANCE S.A.
13, Boulevard Ney, 75018 Paris, France

KENWOOD ELECTRONICS BELGIUM N.V.
Leuvensesteenweg 248 J, 1800 Vilvoorde, Belgium

KENWOOD ELECTRONICS ITALIA S.p.A.
Via G. Sirtori 7/9, 20129 Milano, Italy

KENWOOD IBÉRICA S.A.
Bolivia, 239-08020 Barcelona, Spain

KENWOOD ELECTRONICS AUSTRALIA PTY. LTD. (A.C.N. 001 499 074)
16 Giffnock Avenue, Centrecourt Estate, North Ryde,
N.S.W. 2113, Australia

KENWOOD ELECTRONICS (HONG KONG) LTD.
Unit 3712-3724, Level 37, Tower 1, Metroplaza, 223 Hing Fong Road, Kwai Fong, N.T.,
Hong Kong

KENWOOD ELECTRONICS GULF FZE
P.O. Box 61318, Jebel Ali, Dubai, U.A.E.

KENWOOD ELECTRONICS (THAILAND) CO., LTD.
956 Udom Vidhya Building (Olympia) Rama IV Road, Silom, Bangrak, Bangkok 10500 Thailand

KENWOOD ELECTRONICS SINGAPORE PTE. LTD.
1 Genting Lane, #07-00, Kenwood Building, Singapore, 349544

KENWOOD ELECTRONICS (MALAYSIA) SDN BHD
#4.01 Level 4, Wisma Academy Lot 4A, Jalan 19/1, 46300 Petaling Jaya, Selangor Darul Ehsan,
Malaysia